

**THE LABOUR FORCE  
(INCLUDING REGIONAL ESTIMATES)  
NEW SOUTH WALES  
AUGUST 1986**

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SYDNEY

Catalogue No. 6201.1

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## EXPLANATORY NOTES

1. This publication contains estimates relating to persons in the civilian labour force and to those persons not in the labour force for New South Wales and regions of New South Wales. The estimates have been derived from the labour force survey component of the monthly population survey, which is conducted on a sample basis throughout Australia.

2. Statistics similar to those contained in Tables 1, 8, 9, 11 and 14 of this publication are published each month, as they become available, in Monthly Summary of Statistics (1305.1) which is available, on request, from this Office. Other data contained in this publication are also available each month (except for (a) the occupation, industry and status of worker details for employed persons, which are available only on a quarterly basis; and (b) regional estimates, which although available each month will be released only on a quarterly basis). In addition, other unpublished data may be available. These data, if required each month as they become available, may be obtained from this Office.

3. The monthly population survey. This survey consists of the monthly labour force survey and, in most months, one or more supplementary survey topics. From February 1978, the survey has been conducted each month. Previously, the survey was conducted in February, May, August and November of each year. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

4. Survey sample. The monthly population survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.) and covers about one-half of one per cent of the population of New South Wales. The survey sample is reselected after each quinquennial Census of Population and Housing. The reselected sample of dwellings based on 1981 Census of Population and Housing results was introduced in the October 1982 survey. Information on sample design and selection is given in the Technical Note in The Labour Force, Australia, 1981 (6204.0).

5. Population benchmarks. Labour force survey estimates of persons employed, unemployed and not in the labour force shown in this publication for New South Wales, Sydney Statistical Division and Balance of New South Wales are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for underenumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted but they usually differ from the official State level population estimates subsequently published in Australian Demographic Statistics (3101.0), because they are necessarily derived from incomplete information about population changes. Regular estimates of population at the regional level are, however, not available. Consequently, the use of benchmarks in estimating the regional data available from this survey is not possible. For this reason, estimates of the civilian population aged 15 and over are not made available at the regional level.

6. Revision of series. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. Labour force survey estimates back to February 1978 have been recalculated to conform to revised population estimates which take account of the results of the 1981 Census of Population and Housing. Revised estimates back to February 1978, similar to those shown in Table 1, were published in an Appendix to the February 1984 issue of this publication. In addition, following the change in official population estimates to a place of usual residence basis after the 1981 Census of Population and Housing, the population benchmarks used in the derivation of labour force survey estimates are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates, see Information Paper - Population Estimates: An Outline of the New Conceptual Basis of ABS Population Estimates (3216.0). To co-ordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to

enable identification of each respondent's place of usual residence. The estimates shown in this publication from October 1982 onwards are thus wholly according to place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

A revised questionnaire was also introduced for the April 1986 survey. Following the introduction of this questionnaire, the definition of employed persons has been extended to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the International Labour Office at the 13th Conference of Labour Statisticians in October 1982. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. Details of this change, together with other changes made to the questionnaire, are contained in Information Paper: Questionnaires used in the Labour Force Survey (6232.0). For Table 1, estimates according to the revised definition have been calculated back to January 1985. However, for the other tables, estimates according to the revised definition are only available from the time of introduction of the new questionnaire in April 1986.

**7. Scope.** The labour force survey includes all persons aged 15 and over, except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

#### **8. Labour force concepts and definitions.**

(a) The concepts and definitions used in the labour force survey conform closely to those recommended by the International Labour Organisation. The labour force comprises all persons in scope who, during the survey week, were employed or unemployed as defined in Explanatory Notes 8(b) and 8(c) below. The

survey week comprises the seven days preceding the interview week (see Explanatory Note 3 above). The activities of persons in this period of reference are used in determining the classification of those who are employed. In addition to this week, the 3 weeks preceding it are also considered in identifying the unemployed. More detailed definitions of these two groups follow.

#### **(b) Employed persons.**

- i. These comprise all civilians aged 15 and over who, during the survey week:
  - worked for one hour or more for pay, profit, commission or payment in kind (including employees, employers and self-employed persons) in a job or business, or on a farm; or
  - worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
  - were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
  - were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.
- ii. These employed persons can be classified into:
  - full-time workers (i.e. those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week); and
  - part-time workers (i.e. those who usually work less than 35 hours a week and who did so during the survey week).

Persons who held more than one job are counted only once - in the job in which they worked most hours during the survey week.

(c) Unemployed persons comprise all civilians aged 15 and over who were not employed during the survey week, and:

- i. had actively looked for full-time or part-time work at any time in the four weeks

up to the end of the survey week, and:

- were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
- were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then; or

ii. were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

(d) Actively looking for work includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice-boards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

Note. The figures shown in this publication for the number of persons unemployed should not be confused with those issued by the Commonwealth Department of Employment and Industrial Relations. These latter figures represent the number of persons registered as unemployed awaiting placement with the Commonwealth Employment Service.

(e) Persons not in the labour force are those who, during the survey week, were not in the categories 'employed' or 'unemployed' as defined above. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

(f) Duration of unemployment is the period from the time the person began looking for work or was stood down to the end of the survey week. Thus, the survey measures the duration of current spells of unemployment rather than completed spells. Periods of unemployment are recorded in

complete weeks and this results in a slight understatement of duration. Average (mean) duration is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

(g) Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

(h) Marital status. In the labour force survey, persons are classified as married or not married. Marital status is determined from information supplied by the respondent about the individual concerned and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Marital status does not therefore necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The 'not-married' category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but who do not volunteer this information when asked whether they are married are classified as not married. In conjunction with the revision of estimates back to February 1978 to conform to revised population estimates (see Explanatory Note 6 above), the definition of marital status outlined above was adopted. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue of this publication. This revision to the marital status classification was undertaken in two parts. Firstly, for all surveys from February 1978, persons who reported that they were separated were reclassified as not married (previously included as married). Secondly, from June 1983 onwards, in addition to including persons reported as separated, the 'not-married' category includes persons who, although reported as married, did not, at the time of the survey, have a spouse who was a usual resident of the household.

(i) Family status. The family relationship of all persons included in the labour force survey is determined each month, except for:

- i. all persons enumerated in non-private dwellings;
- ii. persons enumerated as visitors to private dwellings; and
- iii. those families enumerated in private dwellings for which it was not possible to obtain information relating to all the usual residents (i.e. families which include a member of the permanent defence forces and families which have one or more of their members away from the usual residence at the time of the survey).

Generally, family status is determined for more than ninety per cent of the civilian population aged 15 and over. A family is defined as consisting of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head (as defined below), together with any persons having any of the following relationships to them:

- i. sons or daughters of any age, if not married and with no children of their own present;
- ii. other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- iii. any children under the age of 15 who do not have a parent present.

A family, as defined, can contain no more than two married persons and can contain two married persons only if these persons are husband and wife (referred to as married-couple families). Other families are families other than married-couple families and comprise one-parent families or other groups of related persons. The family head of an 'other family' is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined as the eldest person in the family. No family head is defined for a married-couple family. Persons are defined as not a member of a family if they are not related to any other member of the household in which they are living. Dependent children comprise all family members under the age of 15, all family members aged 15 to 19 attending school, and all family members aged 15 to 24 who are full-time students. A person is considered to be living alone if he or she is the sole member of a household. The term relationship includes relationships by blood, marriage or adoption.

9. Industry classification. The classification of industry is in accordance with the Australian Standard Industrial Classification (ASIC) described in Australian Standard Industrial Classification, Vol. 1 - The Classification (1983 Edition) (1201.0).

10. Occupation classification. Occupational data are presented for August 1986 on the basis of the Australian Standard Classification of Occupations (ASCO), 1986 (1221.0 and 1222.0), and for earlier periods on the basis of the Classification and Classified List of Occupations (CCLO), Revised November 1980. ASCO relies on the level and specialisation of skill required to satisfactorily perform primary tasks as its classificatory variable and is, therefore, significantly different from the previous classification. Appendix 1 in this publication contains a more detailed explanation of the concepts and structure underlying the classification.

A matrix of the two classifications at the broadest classification level (Major Group), but containing data for Australia, is given in Appendix 1. The estimates contained in the matrix have been derived from a subsample of respondents in the May 1986 labour force survey. The responses to questions on the occupations of employed persons were coded to both ASCO and CCLO classifications and the matrix was produced by cross-classifying ASCO Major Groups by CCLO Major Groups. A similar matrix for N.S.W. and an Australia - level Minor Groups matrix should both be available by the end of December 1986.

11. Regions of New South Wales. The regions used in this publication are standard ABS Statistical Divisions, Subdivisions or Districts (see map inside back cover and Appendix 2 for a list of local government areas in each of these regions), or combinations of these, and do not necessarily correspond with regions adopted by other government authorities. The regions were determined in consultation with major users of the estimates, taking into account the constraints imposed by the structure of the sample design and the need to present reliable statistics (i.e. those not subject to high sampling variability). Two sets of regions are used to present the results. The twelve regions used in Table 13 and Tables 16 to 27 provide summary estimates only, while the five major regions used in Tables 28 to 37 allow the presentation of more detailed estimates. While further unpublished details may be available for

the regions adopted in this publication, estimates for different regions will not be provided. The Sydney Statistical Division is predominantly urban in character - and its boundary was re-delineated in 1976 to embrace the area expected to contain the urban development of Sydney (and associated smaller urban centres) for a period of at least twenty years. This area covers the same area as the 'Sydney Region', as delineated by the State Planning Authority (now the Department of Environment and Planning) in its publication Sydney Region, 1970-2000 A.D., Outline Plan.

**12. Reliability of the estimates.** Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them, may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. In addition, as noted in Explanatory Note 5 above, the use of benchmarks in the compilation of regional estimates is not possible. For this reason, users should note that regional estimates may be more volatile than corresponding State estimates and thus should not be regarded as reliable indicators of short term (monthly) movements. A Technical Note, showing the likely standard errors relating to sample estimates, is shown at the end of this publication.

### **13. Related publications**

(a) Users may also wish to refer to the following related publications which are available on request:

Regional Statistics, New South Wales, 1986  
(1304.1)

Information Paper on the Sources of Labour Statistics (6101.1)

A Guide to Labour Statistics (6102.0)

The Labour Force, Australia (Preliminary Estimates) (6202.0) issued monthly

The Labour Force, Australia (6203.0) issued monthly

- The Labour Force, Australia, 1981 (6204.0)
- Information Paper: Questionnaires used in the Labour Force Survey (6232.0)
- Employment, Underemployment and Unemployment, Australia, 1966-1983 (6246.0)
- Employed Wage and Salary Earners, Australia (6248.0) issued quarterly
- Information Paper: Release of Regional Labour Force Statistics (6262.0)
- Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

(b) In addition to the regular demographic and labour force characteristics which are contained in some of the above publications, supplementary and special surveys of particular aspects of the labour force and of other subjects are carried out from time to time. The results of these surveys are published separately. A complete list of these survey topics and their related publications is contained in Information Paper: Population Surveys, 1960 to 1985 (1115.1) which is available on request to this Office. A list of the more recent releases on labour force and related topics is also contained in The Labour Force, Australia (6203.0) each month. Copies of publications containing supplementary and special survey information are available on request. These may include summary estimates for the regions used in this publication.

(c) Current publications produced by the ABS are listed in the Catalogue of Publications (1101.0) which is available from any ABS Office.

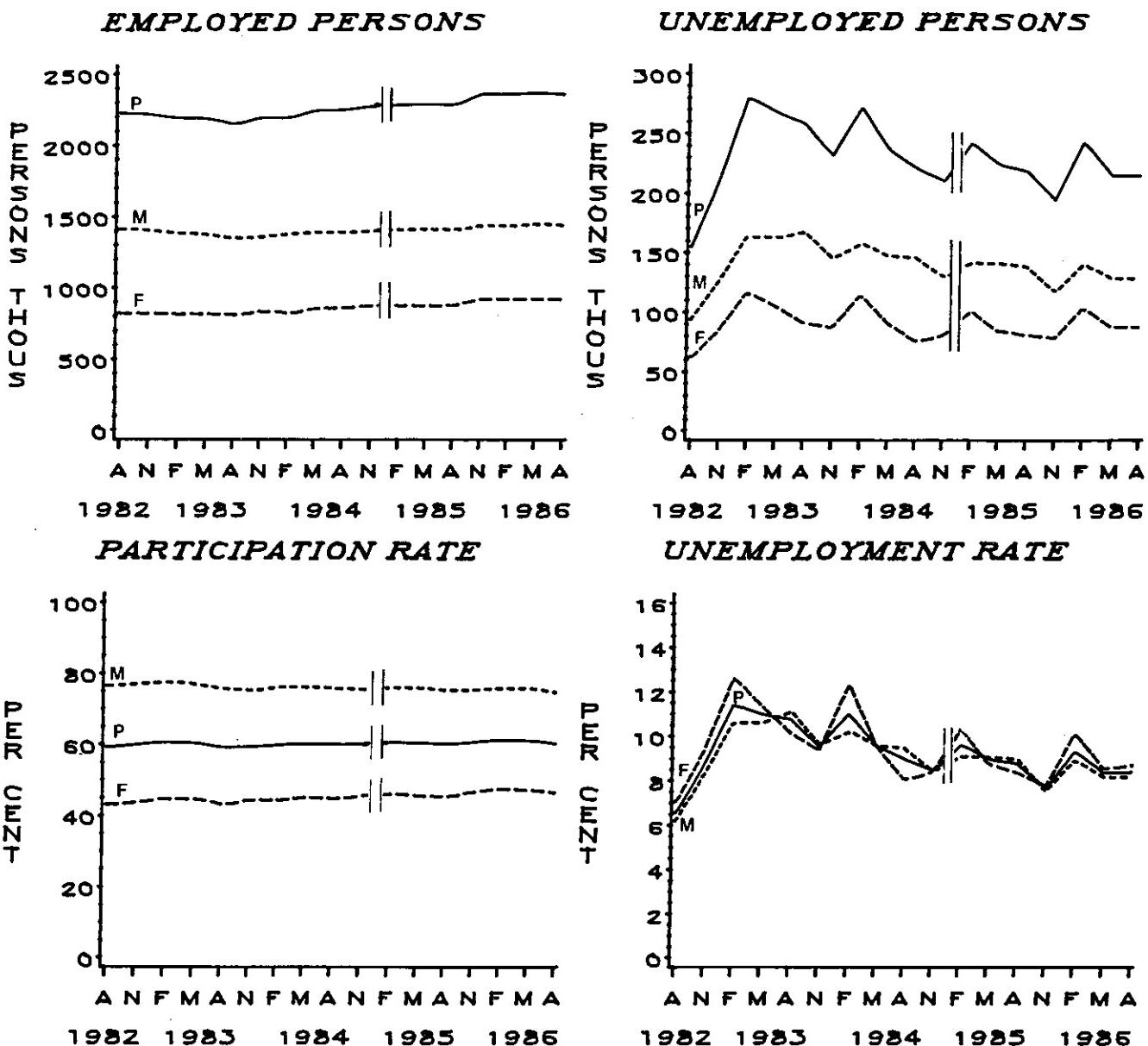
**14. In some cases, the ABS can also make available information which is not published (see Explanatory Notes 2 and 11).**

#### Symbols and other usages.

- n.e.c. Not elsewhere classified
- .. Not applicable
- Break in continuity of series (where a line is drawn between two consecutive figures in the same column).
- \* Subject to sampling variability too high for most practical purposes.

**15. Figures have been rounded and discrepancies may occur between sums of the component items and the totals shown.**

JOHN WILSON  
Deputy Commonwealth Statistician

**DIAGRAM 1: NEW SOUTH WALES**

Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

**NEW SOUTH WALES**

- In August 1986, there were an estimated 2,558,500 persons (1,557,500 males and 1,000,900 females) in the civilian labour force in New South Wales, of whom 2,344,400 (1,430,400 males and 914,000 females) were employed and 214,100 (127,100 males and 86,900 females) were unemployed (see Table 1).
- In August 1986, the labour force participation rate was 60.0 per cent (males 74.4, married females 43.0 and all females 46.2), and the unemployment rate was 8.4 per cent (males 8.2, married females 5.6 and all females 8.7) (see Table 1).
- The August 1986 estimates of 214,100 unemployed persons and an unemployment rate of 8.4 per cent were little different to the May 1986 estimates of 213,600 unemployed persons and an unemployment rate of 8.3 per cent. The number of employed persons in August 1986 was 2,344,400, which represented a significant decrease from the estimate in May 1986 of 2,374,700 persons. (See Table 1.)
- The August 1986 estimate of 214,100 unemployed persons was also little different to the August 1985 estimate of 216,700 unemployed person, but the August 1986 estimated unemployed rate of 8.4 per cent represented an apparent decrease from the August 1985 estimated unemployment rate of 8.7 per cent. Over the period August 1985 to August 1986, the number of persons employed increased significantly by 63,100 (28,800 males and 34,300 females). (See Table 1.)

## SUMMARY OF FINDINGS (continued)

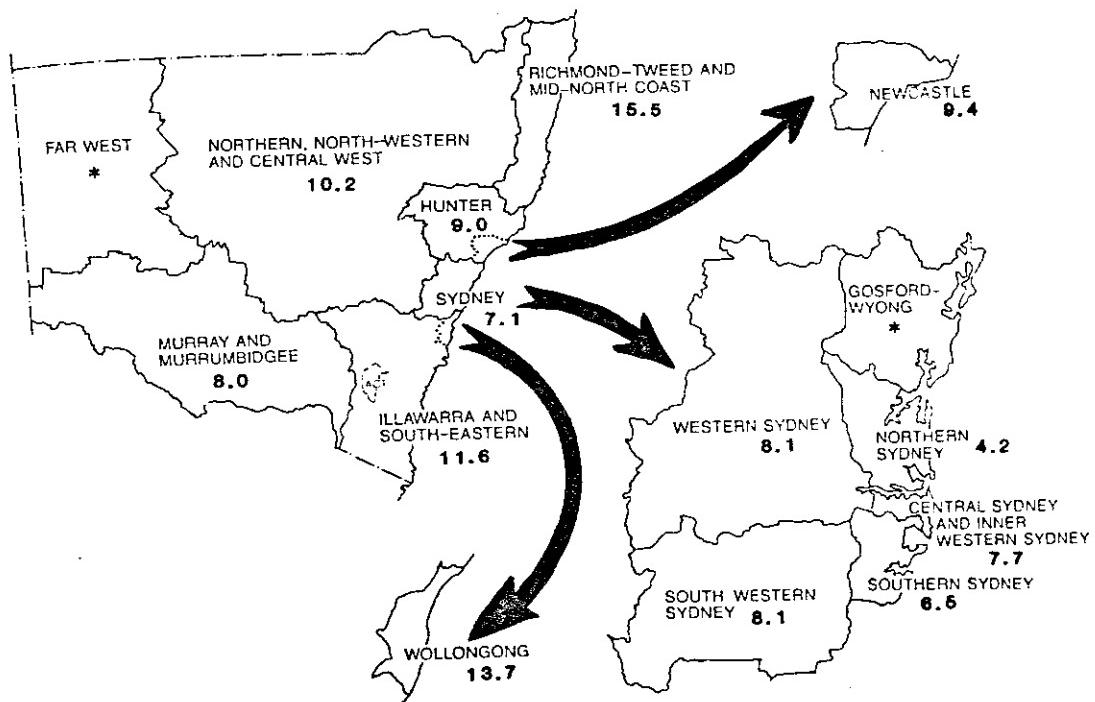
## NEW SOUTH WALES (continued)

- The unemployment rate for persons aged 15 to 19 was 20.0 per cent in August 1986 compared with 19.1 per cent in May 1986 and 19.0 per cent in August 1985 (see Table 9).
- The average duration of unemployment was 59.2 weeks in August 1986 compared with 55.9 weeks in May 1986 and 56.1 weeks in August 1985 (see Table 11).
- From August 1985 to August 1986, the unemployment rate for persons born in Australia remained consistently below that for persons born outside Australia. In August 1986, the unemployment rate for persons born in Australia was 8.1 per cent and for persons born outside Australia 9.0 per cent (8.4 and 9.9 per cent respectively in August 1985). (See Table 12.)

## DIAGRAM 2: UNEMPLOYMENT RATES, REGIONS OF

## NEW SOUTH WALES, AUGUST 1986

(per cent)



REGIONS OF NEW SOUTH WALES (Note: Because of the estimation procedures adopted (and the effects of certain aspects of the sample design), estimates for regions other than Sydney Statistical Division and the Balance of New South Wales may be subject to some volatility. As a result, care should be taken when interpreting estimates over short periods - see Explanatory Note 12.)

- During the quarter ending August 1986, the combined Richmond-Tweed and Mid-North Coast Statistical Divisions recorded the highest unemployment rate in the State (peaking at 15.5 per cent in August 1986). The regions which recorded the next highest unemployment rates throughout the quarter were the Wollongong Statistical District (peaking at 14.2 per cent in July 1986) and the combined Illawarra and South-Eastern Statistical Division (peaking at 11.6 per cent in August 1986). During the quarter ending August 1986, the lowest unemployment rate (3.4 per cent in July 1986) was recorded in Northern Sydney Subdivision. (See Table 13.)
- From May 1986 to August 1986, three regions recorded some movement in the number of persons unemployed. One region (the combined Central Sydney and Inner Western Sydney Subdivisions) recorded a significant decrease and two regions (Southern Sydney Subdivision and the combined Richmond-Tweed and Mid-North Coast Statistical Divisions) recorded apparent increases. (See Tables 16 to 27.)
- From August 1985 to August 1986, one region (Western Sydney Subdivision) recorded a significant decrease in the number of persons unemployed and two regions (Northern Sydney Subdivision and the combined Richmond-Tweed and Mid-North Coast Statistical Divisions) recorded apparent Increases. (See Tables 16 to 27.)

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER, N.S.W.

Month	Employed		Unemployed			Civilian			Partici- pation rate (b) (per cent)
	Full- time workers ('000)		Looking for full- time work ('000)		Labour force ('000)	Not in labour force ('000)	Popu- lation aged 15 and over ('000)	Unemp- loyment rate (a) (per cent)	
	Total ('000)	Total ('000)	Total ('000)						
MALES									
1982: August	1,327.4	1,413.5	87.6	94.0	1,507.5	464.1	1,971.6	6.2	76.5
1983: August	1,253.7	1,340.8	161.7	167.3	1,508.1	492.5	2,000.5	11.1	75.4
1984: August	1,298.5	1,386.6	137.1	144.4	1,531.0	495.2	2,026.2	9.4	75.6
1985: June (c)	1,311.7	1,402.2	130.9	140.3	1,542.5	503.3	2,045.8	9.1	75.4
July	1,322.7	1,407.9	123.5	128.7	1,536.6	512.4	2,049.0	8.4	75.0
August	1,313.3	1,401.6	130.0	137.2	1,538.8	513.4	2,052.2	8.9	75.0
September	1,344.2	1,430.1	123.5	130.1	1,560.2	495.1	2,055.3	8.3	75.9
October	1,329.8	1,426.4	110.8	114.2	1,540.6	518.1	2,058.7	7.4	74.8
November	1,342.8	1,439.8	109.0	116.1	1,555.8	506.1	2,061.9	7.5	75.5
December	1,362.0	1,442.7	114.7	124.4	1,567.2	498.0	2,065.1	7.9	75.9
1986: January	1,352.6	1,433.2	124.8	135.7	1,568.9	500.3	2,069.2	8.6	75.8
February	1,356.1	1,433.8	129.3	139.6	1,573.5	499.6	2,073.0	8.9	75.9
March	1,361.4	1,449.7	119.6	130.5	1,580.2	496.7	2,076.9	8.3	76.1
April	1,347.2	1,449.1	119.5	128.4	1,577.5	502.5	2,080.0	8.1	75.8
May	1,353.5	1,450.5	118.4	127.4	1,577.9	505.5	2,083.4	8.1	75.7
June	1,359.9	1,455.2	114.2	122.8	1,578.0	508.7	2,086.7	7.8	75.6
July	1,348.4	1,446.0	118.8	126.2	1,572.1	518.9	2,091.0	8.0	75.2
August	1,337.0	1,430.4	118.1	127.1	1,557.5	537.2	2,094.7	8.2	74.4
MARRIED FEMALES									
1982: August	272.0	476.0	13.3	22.9	499.0	715.9	1,214.9	4.6	41.1
1983: August	265.2	460.6	23.6	36.9	497.5	731.6	1,229.1	7.4	40.5
1984: August	284.0	500.7	18.8	30.5	531.1	697.0	1,228.2	5.7	43.2
1985: June (c)	285.0	507.1	17.6	30.2	537.2	691.6	1,228.8	5.6	43.7
July	289.3	511.2	15.8	28.1	539.3	696.6	1,235.9	5.2	43.6
August	283.4	508.8	20.0	31.3	540.0	692.7	1,232.7	5.8	43.8
September	299.0	527.4	20.1	32.7	560.1	681.7	1,241.8	5.8	45.1
October	293.8	532.3	18.8	31.2	563.5	677.0	1,240.5	5.5	45.4
November	301.5	546.0	19.8	32.7	578.8	663.9	1,242.7	5.7	46.6
December	302.3	538.6	19.7	31.4	570.1	671.3	1,241.4	5.5	45.9
1986: January	296.5	513.0	21.9	29.1	542.1	707.1	1,249.2	5.4	43.4
February	314.3	541.7	25.3	39.2	581.0	664.8	1,245.8	6.8	46.6
March	315.7	553.0	24.2	38.3	591.4	663.8	1,255.1	6.5	47.1
April	316.9	556.8	22.7	35.9	592.7	664.9	1,257.6	6.1	47.1
May	315.4	554.8	19.6	33.4	588.2	674.6	1,262.8	5.7	46.6
June	309.1	557.0	19.5	34.3	591.4	685.0	1,276.3	5.8	46.3
July	308.9	564.3	22.1	34.6	599.0	671.2	1,270.2	5.8	47.2
August	305.5	552.3	19.7	32.6	584.9	687.0	1,271.9	5.6	46.0

For footnotes, see end of table.

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER, N.S.W. (continued)

Month	Employed		Unemployed			Civilian			
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)	Not in labour force ('000)	Population aged 15 and over ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	ALL FEMALES								
1982: August	533.7	813.5	44.4	51.1	874.6	1,170.4	2,045.0	7.0	42.9
1983: August	525.0	800.0	70.4	90.0	890.0	1,185.6	2,075.6	10.1	42.9
1984: August	561.9	861.5	54.7	74.9	936.5	1,162.6	2,099.1	8.0	44.6
1985: June (c)	573.2	874.2	60.0	81.8	955.9	1,163.5	2,119.4	8.6	45.1
July	581.8	881.1	53.6	76.6	957.7	1,164.9	2,122.6	8.0	45.1
August	570.4	879.7	59.2	79.5	959.1	1,166.7	2,125.9	8.3	45.1
September	586.8	902.8	61.3	86.6	989.4	1,139.7	2,129.1	8.8	46.5
October	575.6	900.7	52.7	73.4	974.2	1,158.1	2,132.3	7.5	45.7
November	590.6	922.8	54.3	77.1	999.9	1,135.7	2,135.6	7.7	46.8
December	600.4	920.4	65.6	89.6	1,010.0	1,129.0	2,138.9	8.9	47.2
1986: January	590.4	884.1	75.1	93.0	977.1	1,165.5	2,142.7	9.5	45.6
February	611.9	919.6	78.8	103.0	1,022.6	1,123.7	2,146.3	10.1	47.6
March	605.1	933.5	71.1	98.9	1,032.4	1,117.6	2,150.0	9.6	48.0
April	601.4	936.4	68.8	94.0	1,030.4	1,122.7	2,153.2	9.1	47.9
May	599.2	924.2	61.0	86.1	1,010.3	1,146.0	2,156.4	8.5	46.9
June	595.0	927.9	59.7	84.9	1,012.8	1,146.8	2,159.6	8.4	46.9
July	590.9	931.5	65.3	88.4	1,019.9	1,143.9	2,163.8	8.7	47.1
August	583.2	914.0	63.3	86.9	1,000.9	1,166.5	2,167.5	8.7	46.2
PERSONS									
1982: August	1,861.1	2,227.0	132.0	155.1	2,382.0	1,634.5	4,016.5	6.5	59.3
1983: August	1,778.8	2,140.8	232.2	257.2	2,398.1	1,678.1	4,076.1	10.7	58.8
1984: August	1,860.4	2,248.1	191.8	219.4	2,467.5	1,657.8	4,125.3	8.9	59.8
1985: June (c)	1,884.9	2,276.3	190.9	222.1	2,498.4	1,666.9	4,165.3	8.9	60.0
July	1,904.5	2,289.0	177.1	205.3	2,494.3	1,677.3	4,171.6	8.2	59.8
August	1,883.7	2,281.3	189.2	216.7	2,497.9	1,680.1	4,178.0	8.7	59.8
September	1,930.9	2,333.0	184.8	216.7	2,549.7	1,634.8	4,184.4	8.5	60.9
October	1,905.5	2,327.1	163.5	187.7	2,514.8	1,676.2	4,191.0	7.5	60.0
November	1,933.4	2,362.6	163.3	193.2	2,555.7	1,641.8	4,197.5	7.6	60.9
December	1,962.4	2,363.1	180.2	214.0	2,577.1	1,626.9	4,204.0	8.3	61.3
1986: January	1,943.0	2,317.3	199.9	228.7	2,546.0	1,665.9	4,211.8	9.0	50.4
February	1,968.0	2,353.4	208.1	242.6	2,596.1	1,623.3	4,219.4	9.3	61.5
March	1,966.5	2,383.2	190.7	229.4	2,612.6	1,614.3	4,226.9	8.8	61.8
April	1,948.5	2,385.5	188.4	222.4	2,607.9	1,625.3	4,233.2	8.5	61.6
May	1,952.7	2,374.7	179.3	213.6	2,588.2	1,651.5	4,239.8	8.3	61.0
June	1,954.9	2,383.1	173.9	207.7	2,590.8	1,655.5	4,246.3	8.0	61.0
July	1,939.3	2,377.4	184.1	214.6	2,592.0	1,662.8	4,254.8	8.3	60.9
August	1,920.2	2,344.4	181.4	214.1	2,558.5	1,703.7	4,262.2	8.4	60.0

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from June 1985 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 2. FAMILY STATUS AND LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER (a),  
N.S.W., AUGUST 1986

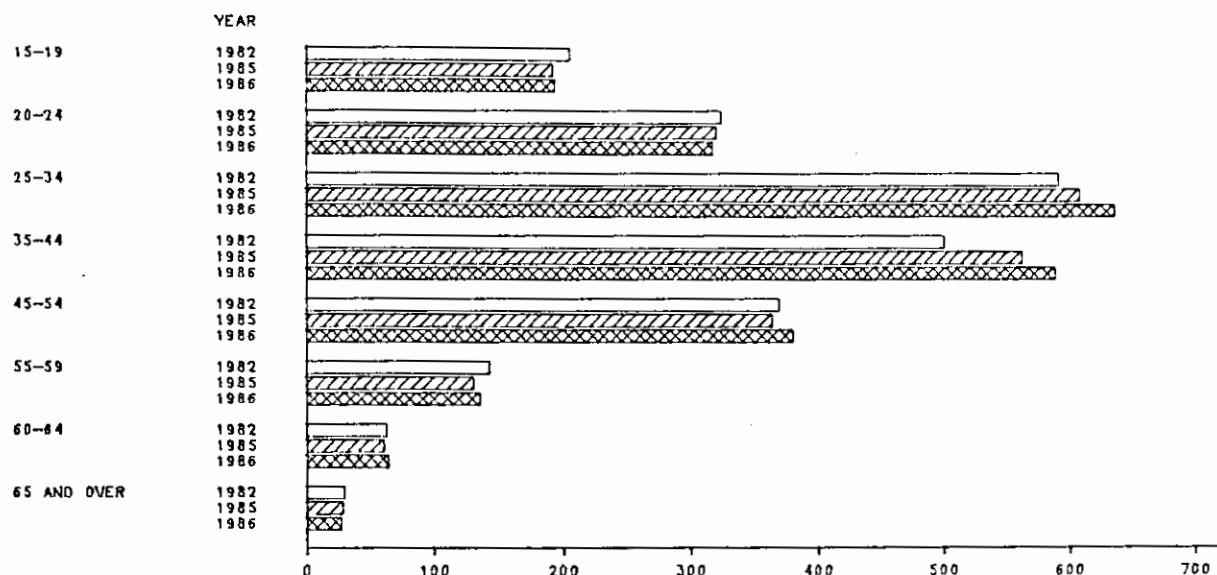
Family status	Employed		Unemployed		Civilian			
	Full-time workers ('000)	Total ('000)	Looking for work ('000)	Total ('000)	Labour force ('000)	Not in labour force ('000)	popula- tion aged 15 and over ('000)	Unemp- loyment (per cent)
								Partici- pation (per cent)
MALES								
Member of a family	1,119.3	1,195.3	85.1	92.2	1,287.5	408.2	1,695.8	7.2
Husband	877.6	916.0	48.3	49.6	965.6	267.7	1,233.3	5.1
With children aged 0-14 present	504.5	519.2	32.2	32.7	551.9	25.2	577.0	5.9
Without children aged 0-14 present	373.1	396.8	16.1	16.9	413.8	242.5	656.3	4.1
Not-married family head	21.1	22.7	*	*	25.7	12.8	38.5	*
With children aged 0-14 present	7.0	7.4	*	*	8.5	3.9	12.4	*
Without children aged 0-14 present	14.2	15.3	*	*	17.2	8.9	26.1	*
Full-time student aged 15-24 (d)	*	23.4	*	5.3	28.7	94.7	123.4	18.4
Other child (e) of family head	202.4	213.5	28.3	29.7	243.2	21.6	264.8	12.2
Other relative of family head	17.1	19.7	4.5	4.5	24.3	11.4	35.7	18.6
Not a member of a family	170.7	184.1	22.1	23.3	207.4	69.6	277.0	11.2
Living alone	74.9	80.3	6.0	6.4	86.8	50.6	137.3	7.4
Not living alone	95.8	103.8	16.2	16.9	120.6	19.0	139.7	14.0
Total	1,290.0	1,379.4	107.3	115.5	1,494.9	477.8	1,972.7	7.7
FEMALES								
Member of a family	448.7	747.9	44.8	65.9	813.8	880.2	1,694.0	8.1
Wife	293.0	533.1	18.0	30.5	563.6	647.4	1,211.0	5.4
With children aged 0-14 present	120.8	274.9	9.4	17.9	292.8	265.6	558.4	6.1
Without children aged 0-14 present	172.3	258.2	8.6	12.6	270.8	381.8	652.6	4.7
Not-married family head	36.4	52.9	6.0	8.2	61.1	99.2	160.3	13.4
With children aged 0-14 present	18.9	32.1	*	5.5	37.6	54.0	91.5	14.7
Without children aged 0-14 present	17.5	20.8	*	*	23.5	45.2	68.7	*
Full-time student aged 15-24 (d)	*	29.0	*	6.7	35.6	84.8	120.4	18.8
Other child (e) of family head	109.8	121.7	18.1	19.1	140.8	15.3	156.1	13.6
Other relative of family head	9.2	11.2	*	*	12.6	33.5	46.1	*
Not a member of a family	106.9	127.9	12.6	14.4	142.2	177.4	319.6	10.1
Living alone	45.6	55.6	4.3	4.5	60.1	160.5	220.5	7.5
Not living alone	61.3	72.3	8.4	9.9	82.2	16.9	99.1	12.0
Total	555.6	875.8	57.5	80.2	956.0	1,057.6	2,013.6	8.4
PERSONS								
Member of a family	1,568.0	1,943.3	130.0	158.0	2,101.3	1,288.5	3,389.7	7.5
Husband or wife	1,170.6	1,449.1	66.3	80.1	1,529.2	915.1	2,444.4	5.2
With children aged 0-14 present	625.2	794.1	41.6	50.6	844.7	290.8	1,135.5	6.0
Without children aged 0-14 present	545.4	655.0	24.7	29.5	684.6	624.4	1,308.9	4.3
With dependent children present	718.3	905.8	45.3	54.9	960.7	335.2	1,295.9	5.7
Without dependent children present	452.3	543.3	21.0	25.2	568.5	580.0	1,148.5	4.4
Not-married family head	57.5	75.6	8.6	11.2	86.8	112.0	198.8	12.9
With children aged 0-14 present	25.9	39.5	4.4	6.6	46.1	57.8	103.9	14.4
Without children aged 0-14 present	31.6	36.1	4.2	4.6	40.7	54.2	94.9	11.2
With dependent children present	34.2	48.6	5.6	8.0	56.6	65.8	122.4	14.1
Without dependent children present	23.4	27.0	*	*	30.2	46.2	76.4	*
Full-time student aged 15-24 (d)	*	52.3	*	12.0	64.3	179.5	243.8	18.6
Other child (e) of family head	312.2	335.2	46.4	48.9	384.1	36.9	421.0	12.7
Other relative of family head	26.3	31.0	5.8	5.8	36.8	44.9	81.8	15.9
Not a member of a family	277.6	312.0	34.8	37.7	349.6	246.9	596.6	10.8
Living alone	120.5	135.9	10.2	10.9	146.8	211.1	357.9	7.4
Not living alone	157.1	176.1	24.5	26.7	202.8	35.9	238.7	13.2
Total	1,845.6	2,255.2	164.7	195.7	2,450.9	1,535.4	3,986.3	8.0

(a) Civilians who were residents of private dwellings where family status was determined. (b) See footnote (a), Table 1. (c) See footnote (b), Table 1. (d) Excludes persons aged 20-24 attending school. (e) Aged 15 and over.

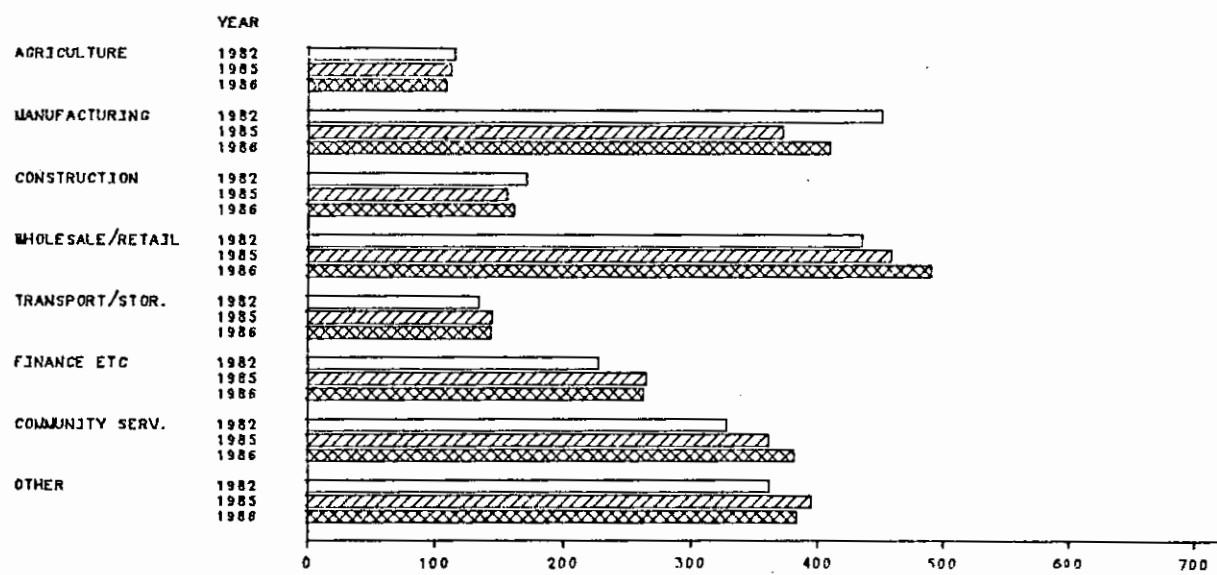
# DIAGRAM 3: EMPLOYED PERSONS, N.S.W., AUGUST

AGE (SEE TABLE 3)

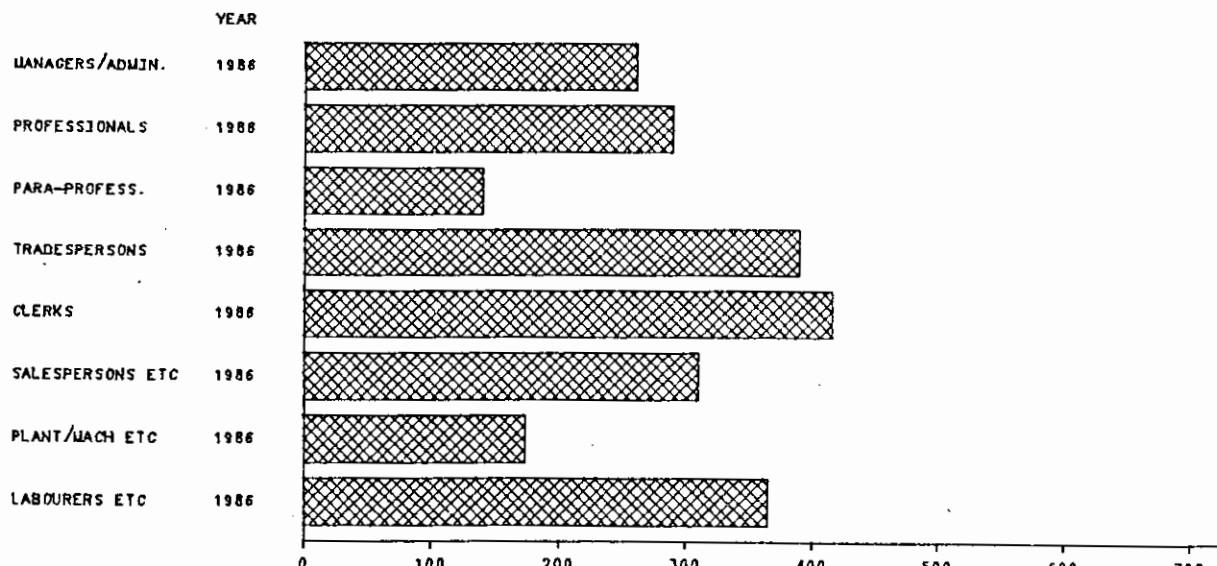
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INDUSTRY (SEE TABLE 4)



OCCUPATION (SEE TABLE 5B)



Notes 1: Estimates from April 1986 are based on the revised definition of employed persons. See Explanatory Note

2: Occupation is classified in accordance with the Australian Standard Classification of Occupations (ASCO).

See Explanatory Note 10.

TABLE 3. EMPLOYED PERSONS : AGE GROUP, N.S.W.  
('000)

Month	Age group (years)							Total	
	15-19	20-24	25-34	35-44	45-54	55-59	60-64		
MALES									
1982: August	115.2	178.9	377.6	320.4	241.0	106.5	51.2	22.6	1,413.5
1983: August	93.8	164.1	365.1	320.8	235.4	98.5	44.7	18.5	1,340.8
1984: August	98.6	173.6	376.9	333.9	235.0	100.8	46.8	20.9	1,386.6
1985: June	100.2	176.4	374.0	343.3	239.8	94.9	45.2	25.4	1,399.2
July	96.1	178.5	381.6	346.9	236.5	94.1	45.9	25.5	1,405.2
August	101.4	173.5	375.4	349.0	237.0	93.1	46.6	21.7	1,397.7
1986: May (a)	116.8	181.3	384.1	352.9	242.3	98.6	52.3	22.2	1,450.5
June	107.1	181.4	391.3	358.3	241.4	98.8	51.9	25.1	1,455.2
July	108.4	178.4	389.7	359.3	240.7	95.7	50.2	23.5	1,446.0
August	101.4	172.4	391.3	356.4	240.4	97.7	50.0	20.7	1,430.4
MARRIED FEMALES									
1982: August	3.7	47.4	145.8	148.0	94.6	25.3	7.6	*	476.0
1983: August	*	40.7	134.3	149.2	96.8	23.5	9.6	*	460.6
1984: August	*	49.6	147.2	157.1	105.5	26.9	8.6	3.8	500.7
1985: June	*	42.7	149.0	175.2	94.7	22.6	9.8	4.6	501.1
July	*	41.2	155.2	174.3	96.1	22.6	10.1	4.0	505.4
August	*	37.6	155.2	174.1	96.2	23.9	8.9	*	501.2
1986: May (a)	*	40.6	170.3	184.4	115.5	27.3	10.8	3.8	554.8
June	*	39.9	169.9	189.6	114.6	27.0	10.3	4.2	557.0
July	*	42.1	167.5	190.6	119.4	28.1	11.3	4.2	564.3
August	*	39.9	164.8	189.0	115.4	27.8	9.4	3.8	552.3
ALL FEMALES									
1982: August	90.0	144.9	213.2	180.0	127.8	36.3	13.0	8.2	813.5
1983: August	89.8	142.3	198.3	187.0	122.3	37.7	15.1	7.5	800.0
1984: August	92.1	147.4	226.8	197.1	134.4	38.5	15.4	9.9	861.5
1985: June	92.2	145.5	225.4	214.2	124.8	37.3	17.8	8.5	865.7
July	89.7	147.4	232.0	213.9	125.1	38.8	17.8	8.4	873.1
August	90.8	146.6	232.3	212.7	126.5	37.8	15.4	7.7	869.8
1986: May (a)	100.2	143.2	251.7	227.7	143.2	35.7	14.5	8.0	924.2
June	96.7	147.4	248.7	233.2	142.8	36.8	14.6	7.7	927.9
July	95.7	147.4	247.3	234.9	143.7	37.9	16.6	8.0	931.5
August	92.2	144.9	244.6	232.0	139.4	37.9	15.4	7.6	914.0
PERSONS									
1982: August	205.2	323.8	590.8	500.5	368.9	142.8	64.2	30.7	2,227.0
1983: August	183.6	306.4	563.3	507.8	357.7	136.1	59.8	26.0	2,140.8
1984: August	190.7	320.9	603.7	531.0	369.4	139.4	62.2	30.8	2,248.1
1985: June	192.4	321.9	599.4	557.4	364.6	132.3	63.0	33.9	2,265.0
July	185.8	325.9	613.6	560.8	361.6	132.9	63.7	33.9	2,278.3
August	192.2	320.1	607.7	561.7	363.5	130.9	62.0	29.4	2,267.6
1986: May (a)	217.1	324.5	635.8	580.6	385.5	134.3	66.8	30.2	2,374.7
June	203.8	328.8	640.0	591.6	384.2	135.6	66.4	32.8	2,383.1
July	204.0	325.8	637.0	594.2	384.4	133.6	66.8	31.5	2,377.4
August	193.6	317.3	635.9	588.4	379.9	135.6	65.4	28.3	2,344.4

(a) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 4. EMPLOYED PERSONS (a) : INDUSTRY DIVISION, N.S.W.  
('000)

Month	Agric- culture, forestry, fishing and hunting	Manu- factur- ing	Con- struct- ion	Whole- sale and retail trade	Trans- port and storage	Finance, etc.	Community services (b)	Other indus- ties (c)	Total
MALES									
1982: August	87.4	338.0	157.1	243.0	111.8	117.5	124.4	234.3	1,413.5
1983: August	96.7	299.4	109.1	237.5	108.1	111.7	127.9	250.3	1,340.8
1984: August	93.6	299.7	136.3	243.5	106.4	117.6	134.5	254.9	1,386.5
1985: May	81.4	303.9	138.5	267.2	118.5	130.8	134.0	232.5	1,407.0
August	86.4	270.7	137.6	262.1	119.1	137.4	130.5	254.0	1,397.7
November	95.4	293.3	141.5	267.9	108.9	138.5	124.0	265.2	1,434.8
1986: February	89.7	302.6	135.3	275.4	107.6	143.0	120.3	258.4	1,432.2
May (d)	91.1	309.7	140.3	280.7	107.9	138.0	130.4	252.3	1,450.5
August	78.7	297.8	141.0	277.1	117.9	133.6	141.4	243.0	1,430.4
FEMALES									
1982: August	28.3	113.1	13.9	192.7	22.5	110.5	204.5	128.0	813.5
1983: August	23.5	98.3	12.6	185.7	20.6	114.3	216.2	128.9	800.0
1984: August	29.3	102.9	14.6	194.7	24.5	125.1	242.0	128.5	861.5
1985: May	32.3	100.1	19.5	207.4	23.2	118.8	221.8	143.8	866.9
August	26.3	101.0	18.5	197.3	25.5	128.6	231.0	141.7	869.8
November	34.1	103.0	16.6	201.7	25.5	132.0	250.2	150.3	913.4
1986: February	32.4	112.6	15.2	202.2	22.2	127.9	246.9	149.8	909.2
May (d)	35.9	106.9	19.2	215.6	24.5	131.9	240.5	149.7	924.2
August	30.4	111.4	20.3	213.5	25.9	130.4	240.5	141.6	914.0
PERSONS									
1982: August	115.7	451.1	171.0	435.6	134.3	228.0	329.0	362.3	2,227.0
1983: August	120.2	397.7	121.7	423.2	128.8	226.0	344.1	379.2	2,140.8
1984: August	122.9	402.6	151.0	438.1	130.9	242.7	376.5	383.4	2,248.1
1985: May	113.8	404.1	158.0	474.6	141.7	249.7	355.7	376.3	2,273.9
August	112.7	371.6	156.0	459.4	144.6	266.0	361.5	395.7	2,267.6
November	129.5	396.3	158.1	469.5	134.5	270.5	364.2	415.5	2,348.2
1986: February	122.1	415.2	150.5	477.6	129.8	270.8	367.2	408.2	2,341.4
May (d)	127.0	416.6	159.5	496.3	132.4	270.0	370.9	402.1	2,374.7
August	109.1	409.2	161.2	490.6	143.8	263.9	381.9	384.6	2,344.4

(a) Aged 15 and over. (b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (c) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (d) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 5A. EMPLOYED PERSONS (a) : MAJOR OCCUPATION GROUP (b), N.S.W., AUGUST 1982 TO MAY 1986  
('000)

Month	Profess- ional, technical, etc.	Adminis- trative, executive, manager- ial and clerical	Sales	Farmers, fishermen, timber- getters, miners, etc.	Transport and commun- ication	Tradesmen, production process workers, labourers, n.e.c.	Service, sport and recrea- tion	Total
MALES								
1982: August	192.1	243.1	83.8	113.4	100.4	602.9	77.7	1,413.5
1983: August	184.8	246.0	74.2	123.2	101.9	528.9	81.8	1,340.8
1984: August	191.9	253.1	83.8	122.7	100.9	553.0	81.3	1,386.6
1985: February	198.9	257.8	94.3	112.5	108.3	558.2	76.8	1,406.6
May	188.5	267.5	95.7	109.8	101.9	566.4	77.2	1,407.0
August	194.6	250.5	94.1	118.2	106.8	552.0	81.5	1,397.7
November	192.7	254.0	94.0	126.8	104.9	571.5	90.0	1,434.8
1986: February	181.0	282.5	91.2	119.6	103.9	566.2	87.8	1,432.2
May (c)	188.3	273.4	95.0	122.2	101.2	576.3	94.1	1,450.5
FEMALES								
1982: August	143.8	316.1	106.6	26.7	20.1	78.7	121.6	813.5
1983: August	144.7	332.1	97.8	22.0	16.1	62.7	124.6	800.0
1984: August	166.7	350.7	106.9	29.3	13.7	63.5	130.8	861.5
1985: February	165.6	347.7	104.8	27.0	16.0	68.0	139.0	868.1
May	149.4	364.9	108.8	32.3	16.5	70.5	124.5	866.9
August	162.1	362.8	101.7	24.5	17.6	70.6	130.6	869.8
November	173.8	367.3	107.4	31.7	18.0	73.2	142.1	913.4
1986: February	170.3	374.4	105.6	31.5	17.7	76.8	132.8	909.2
May (c)	168.0	381.1	114.2	34.7	14.5	72.6	139.0	924.2
PERSONS								
1982: August	335.8	559.2	190.4	140.1	120.5	681.6	199.3	2,227.0
1983: August	329.5	578.0	172.1	145.2	118.0	591.6	206.4	2,140.8
1984: August	358.6	603.7	190.7	152.0	114.6	616.5	212.0	2,248.1
1985: February	364.4	605.5	199.0	139.4	124.3	626.2	215.8	2,274.7
May	337.9	632.4	204.5	142.1	118.4	636.9	201.7	2,273.9
August	356.7	613.3	195.8	142.7	124.4	622.6	212.0	2,267.6
November	366.5	621.3	202.2	158.6	122.9	644.7	232.1	2,348.2
1986: February	351.3	656.8	196.9	151.2	121.5	643.0	220.6	2,341.4
May (c)	356.2	654.6	209.2	156.9	115.7	648.9	233.2	2,374.7

(a) Aged 15 and over. (b) Classified in accordance with the Classification and Classified List of Occupations (CCLO), Revised November 1980. See Explanatory Note 10. (c) Estimates for May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 5B. EMPLOYED PERSONS (a) : MAJOR OCCUPATION GROUP (b), AUGUST 1986, N.S.W.  
('000)

	Managers and adminis- trators	Profess- ionals	Para- profess- ionals	Trades- persons	Clerks	Sales- persons and personal service workers	Plant and machine operators, and drivers	Labourers and related workers	Total
Males	204.8	180.5	79.7	353.6	99.6	116.0	148.2	248.1	1,430.4
Females	56.3	108.8	60.5	35.4	316.1	194.3	25.4	117.2	914.0
Persons	261.0	289.3	140.2	389.0	415.7	310.3	173.7	365.3	2,344.4

(a) Aged 15 and over. (b) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

TABLE 6. EMPLOYED PERSONS (a) : FULL-TIME AND PART-TIME STATUS, N.S.W.  
('000)

Month	Full-time			Part-time (b)			Total employed (b)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1982: August	1,327.4	533.7	1,861.1	86.1	279.8	365.9	1,413.5	813.5	2,227.0
1983: August	1,253.7	525.0	1,778.8	87.1	275.0	362.1	1,340.8	800.0	2,140.8
1984: August	1,298.5	561.9	1,860.4	88.1	299.6	387.7	1,386.6	861.5	2,248.1
1985: June	1,311.7	573.2	1,884.9	87.5	292.5	380.0	1,399.2	865.7	2,265.0
July	1,322.7	581.8	1,904.5	82.5	291.3	373.8	1,405.2	873.1	2,278.3
August	1,313.3	570.4	1,883.7	84.4	299.4	383.8	1,397.7	869.8	2,267.6
1986: May (b)	1,353.5	599.2	1,952.7	97.0	325.0	422.0	1,450.5	924.2	2,374.7
June	1,359.9	595.0	1,954.9	95.4	332.9	428.2	1,455.2	927.9	2,383.1
July	1,348.4	590.9	1,939.3	97.5	340.6	438.1	1,446.0	931.5	2,377.4
August	1,337.0	583.2	1,920.2	93.4	330.8	424.2	1,430.4	914.0	2,344.4

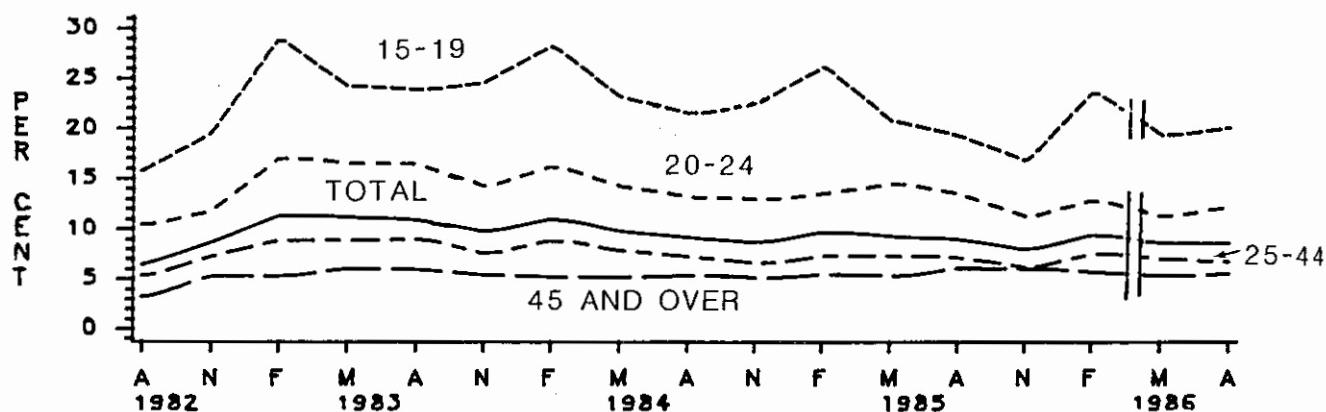
(a) Aged 15 and over. (b) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 7. EMPLOYED PERSONS (a) : STATUS OF WORKER, N.S.W.  
('000)

Month	Wage and salary earners			Employers and self-employed			Total (b) (c)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1982: August	1,179.9	720.0	1,899.9	230.6	88.2	318.8	1,413.5	813.5	2,227.0
1983: August	1,106.9	710.8	1,817.8	229.5	84.6	314.1	1,340.8	800.0	2,140.8
1984: August	1,139.2	765.5	1,904.7	243.9	92.4	336.2	1,386.6	861.5	2,248.1
1985: May	1,174.0	762.4	1,936.4	230.6	100.0	330.6	1,407.0	866.9	2,273.9
August	1,146.8	769.5	1,916.3	246.9	93.8	340.7	1,397.7	869.8	2,267.6
November	1,191.9	813.8	2,005.7	237.6	94.0	331.6	1,434.8	913.4	2,348.2
1986: February	1,205.7	811.2	2,017.0	223.2	95.0	318.2	1,432.2	909.2	2,341.4
May (c)	1,211.5	816.7	2,028.2	228.1	91.5	319.6	1,450.5	924.2	2,374.7
August	1,171.9	802.0	1,973.9	249.1	100.2	349.3	1,430.4	914.0	2,344.4

(a) Aged 15 and over. (b) Includes unpaid family helpers. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

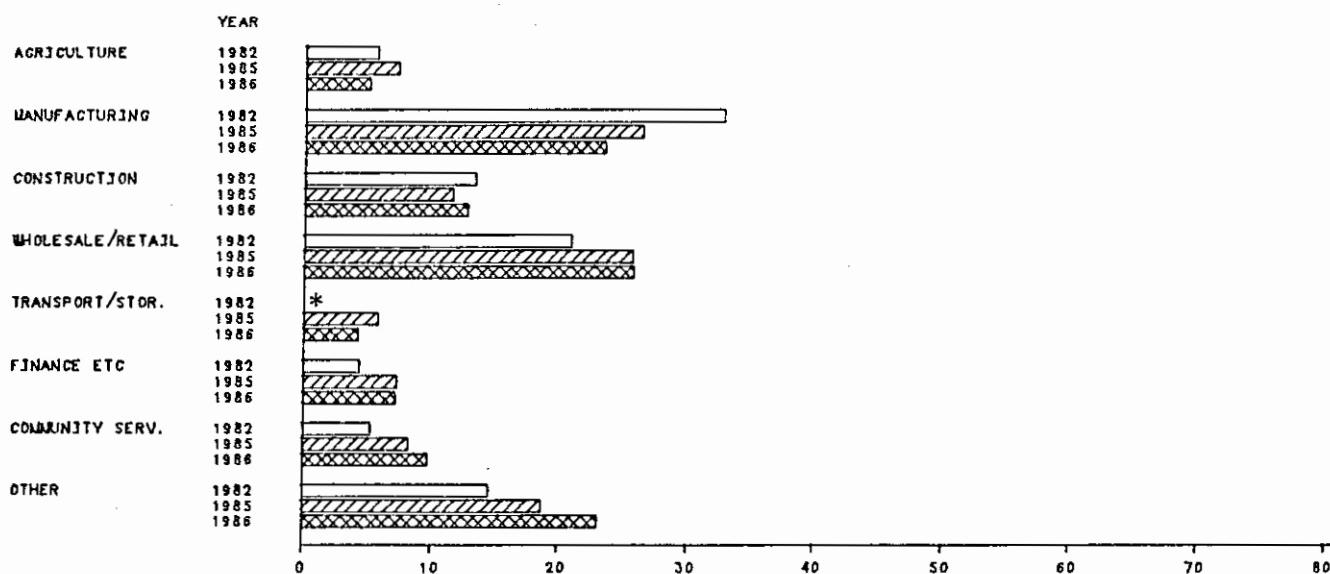
**DIAGRAM 4: UNEMPLOYED PERSONS, N.S.W.,  
UNEMPLOYMENT RATE AND AGE (SEE TABLE 9)**



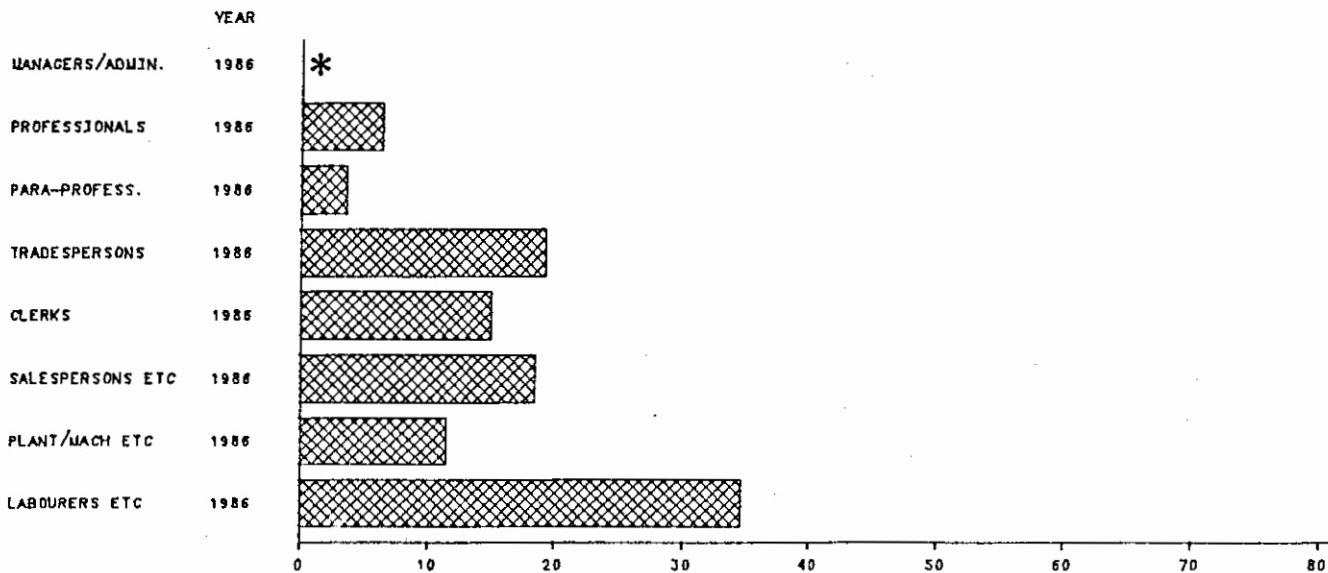
UNEMPLOYED PERSONS WHO HAD WORKED FOR TWO WEEKS OR MORE IN A  
FULL-TIME JOB IN THE LAST TWO YEARS, N.S.W., AUGUST

**INDUSTRY (SEE TABLE 10)**

**PERSONS ('000)**



**OCCUPATION (SEE TABLE 10)**



Notes 1: Estimates from April 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

**2:** Asterisk(\*) indicates subject to sampling variability too high for most practical purposes.

3: Occupation is classified in accordance with the Australian Standard Classification of Occupations (ASCO).

See Explanatory Note 10.

TABLE 8. UNEMPLOYED PERSONS : AGE GROUP, N.S.W.  
('000)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 and over	
MALES							
1982: August	20.2	23.4	24.0	12.4	8.5	5.4	94.0
1983: August	30.2	41.3	46.2	23.3	14.6	11.7	167.3
1984: August	28.3	31.6	36.1	22.3	15.4	10.7	144.4
1985: June	27.2	29.2	40.0	17.5	11.7	15.3	141.0
July	24.9	26.2	33.7	16.3	14.1	14.4	129.7
August	24.5	30.4	36.7	17.1	14.0	14.9	137.7
1986: May (a)	25.5	23.8	32.1	20.6	13.4	12.0	127.4
June	25.0	23.1	28.7	19.2	16.6	10.2	122.8
July	25.3	26.9	28.5	19.0	17.3	9.2	126.2
August	23.9	26.9	27.3	19.9	18.2	10.9	127.1
FEMALES							
1982: August	18.4	13.8	13.7	10.0	4.1	*	61.1
1983: August	26.4	18.1	22.7	14.2	7.2	*	90.0
1984: August	22.9	16.1	16.2	11.5	6.1	*	74.9
1985: June	23.4	18.7	20.3	12.2	6.5	*	82.8
July	22.3	17.2	18.3	12.4	6.2	*	77.8
August	20.6	18.2	21.0	11.6	7.6	*	80.4
1986: May (a)	25.8	16.1	20.7	15.7	5.0	*	86.1
June	21.9	16.4	20.9	17.5	6.0	*	84.9
July	25.3	16.1	21.6	16.6	6.9	*	88.4
August	24.5	17.1	21.3	16.9	5.9	*	86.9
PERSONS							
1982: August	38.6	37.1	37.7	22.4	12.7	6.5	155.1
1983: August	56.7	59.4	68.8	37.4	21.8	13.1	257.2
1984: August	51.3	47.7	52.3	33.8	21.5	12.9	219.4
1985: June	50.6	47.9	60.3	29.7	18.1	17.2	223.8
July	47.3	43.5	52.0	28.6	20.3	15.8	207.5
August	45.1	48.6	57.7	28.7	21.6	16.3	218.0
1986: May (a)	51.3	40.0	52.8	36.3	18.4	14.7	213.6
June	46.9	39.6	49.6	36.7	22.6	12.4	207.7
July	50.5	43.0	50.1	35.6	24.3	11.1	214.6
August	48.5	44.0	48.6	36.8	24.2	12.1	214.1

(a) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 9. UNEMPLOYED PERSONS : UNEMPLOYMENT RATE (a) AND AGE GROUP, N.S.W.  
(per cent)

Month	Age group (years)					Total	
	15-19	20-24	25-34	35-44	45-54		
	MALES						
1982: August	14.9	11.5	6.0	3.7	3.4	2.9	6.2
1983: August	24.4	20.1	11.2	6.8	5.9	6.7	11.1
1984: August	22.3	15.4	8.7	6.3	6.2	6.0	9.4
1985: June	21.4	14.2	9.7	4.9	4.6	8.5	9.2
July	20.6	12.8	8.1	4.5	5.6	8.0	8.4
August	19.5	14.9	8.9	4.7	5.6	8.5	9.0
1986: May (b)	17.9	11.6	7.7	5.5	5.2	6.5	8.1
June	18.9	11.3	6.8	5.1	6.4	5.5	7.8
July	18.9	13.1	6.8	5.0	6.7	5.1	8.0
August	19.1	13.5	6.5	5.3	7.1	6.1	8.2
	FEMALES						
1982: August	17.0	8.7	6.0	5.3	3.2	*	7.0
1983: August	22.7	11.3	10.3	7.0	5.5	*	10.1
1984: August	19.9	9.8	6.7	5.5	4.3	*	8.0
1985: June	20.2	11.4	7.5	6.1	6.1	*	8.9
July	19.9	10.5	7.3	5.5	4.7	*	8.2
August	18.5	11.0	8.3	5.2	5.7	*	8.5
1986: May (b)	20.5	10.1	7.6	6.5	3.4	*	8.5
June	18.5	10.0	7.7	7.0	4.0	*	8.4
July	20.9	9.9	8.0	6.6	4.6	*	8.7
August	21.0	10.6	8.0	6.8	4.1	*	8.7
	PERSONS						
1982: August	15.8	10.3	6.0	4.3	3.3	2.7	6.5
1983: August	23.6	16.2	10.9	6.9	5.7	5.6	10.7
1984: August	21.2	12.9	8.0	6.0	5.5	5.3	8.9
1985: June	20.8	12.9	9.1	5.1	4.7	7.0	9.0
July	20.3	11.8	7.8	4.9	5.3	6.4	8.3
August	19.0	13.2	8.7	4.9	5.6	6.8	8.8
1986: May (b)	19.1	11.0	7.7	5.9	4.6	6.0	8.3
June	18.7	10.7	7.2	5.8	5.6	5.0	8.0
July	19.8	11.7	7.3	5.7	5.9	4.6	8.3
August	20.0	12.2	7.1	5.9	6.0	5.0	8.4

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

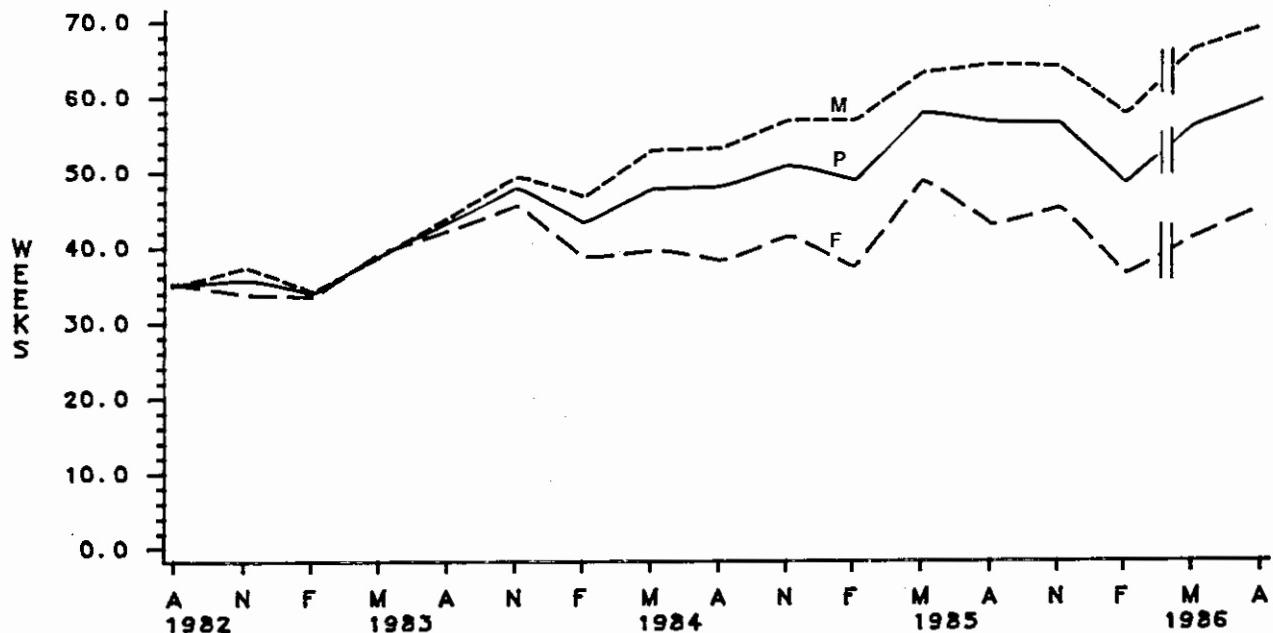
TABLE 10. UNEMPLOYED PERSONS (a) : INDUSTRY DIVISION AND MAJOR OCCUPATION GROUP OF LAST FULL-TIME JOB,  
N.S.W.  
('000)

Category	August	August	May	August 1986		
	1982	1935	1986(b)	Males	Females	Persons
	Persons	Persons	Persons			
Had worked for two weeks or more in a full-time job in the last two years	100.9	111.6	107.4	73.0	39.1	112.1
Industry division -						
Agriculture, forestry, fishing and hunting	5.7	7.3	5.0	4.4	*	5.1
Manufacturing	32.8	26.5	26.5	17.1	6.5	23.6
Construction	13.4	11.6	12.0	12.4	*	12.8
Wholesale and retail trade	21.0	25.8	20.2	14.1	11.8	25.9
Transport and storage	*	5.9	4.2	3.7	*	4.4
Finance, property and business services	4.4	7.4	6.9	*	4.5	7.3
Community services (c)	5.4	8.3	10.5	*	6.6	9.8
Other industries (d)	14.6	18.8	22.1	15.3	7.9	23.2
Major occupation group (CCLO) (e) -						
Professional, technical, etc.	7.1	3.7	6.7	..	..	..
Administrative, executive, managerial and clerical	11.7	16.6	20.4	..	..	..
Sales	8.8	13.1	8.5	..	..	..
Farmers, fishermen, timber-getters, miners, etc.	7.5	8.3	6.4	..	..	..
Transport and communication	6.4	5.9	5.5	..	..	..
Tradesmen, production-process workers, labourers, n.e.c.	51.2	52.6	47.8	..	..	..
Service, sport and recreation	8.0	11.4	12.0	..	..	..
Major occupation group (ASCO) (e) -						
Managers and administrators	..	..	..	*	*	*
Professionals	..	..	..	*	*	6.5
Para-professionals	..	..	..	*	*	3.7
Tradespersons	..	..	..	17.4	*	19.3
Clerks	..	..	..	4.0	11.0	15.0
Salespersons and personal service workers	..	..	..	6.3	12.2	18.5
Plant and machine operators, and drivers	..	..	..	9.3	*	11.5
Labourers and related workers	..	..	..	28.9	5.8	34.7
Other -						
Looking for first job (f)	19.2	29.8	26.9	10.2	15.5	25.8
Other (g)	32.1	73.3	75.9	42.9	31.1	74.0
Stood down (h)	*	*	*	*	*	*
Total	155.1	218.0	213.6	127.1	86.9	214.1

(a) Aged 15 and over. (b) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6. (c) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (d) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal and Other Services. (e) Classified in accordance with the Classification and Classified List of Occupations (CCLO), Revised November 1980 prior to August 1986, and in accordance with the Australian Standard Classification of Occupations (ASCO) for August 1986. See Explanatory Note 10. (f) Persons who had never worked for two weeks or more in a full-time job. (g) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past. (h) See Explanatory Note 8 (c) ii.

# DIAGRAM 5: AVERAGE DURATION OF UNEMPLOYMENT, N.S.W.

(THE DURATION OBTAINED BY DIVIDING THE AGGREGATE NUMBER OF WEEKS A GROUP HAS BEEN UNEMPLOYED BY THE NUMBER OF PERSONS IN THAT GROUP)



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

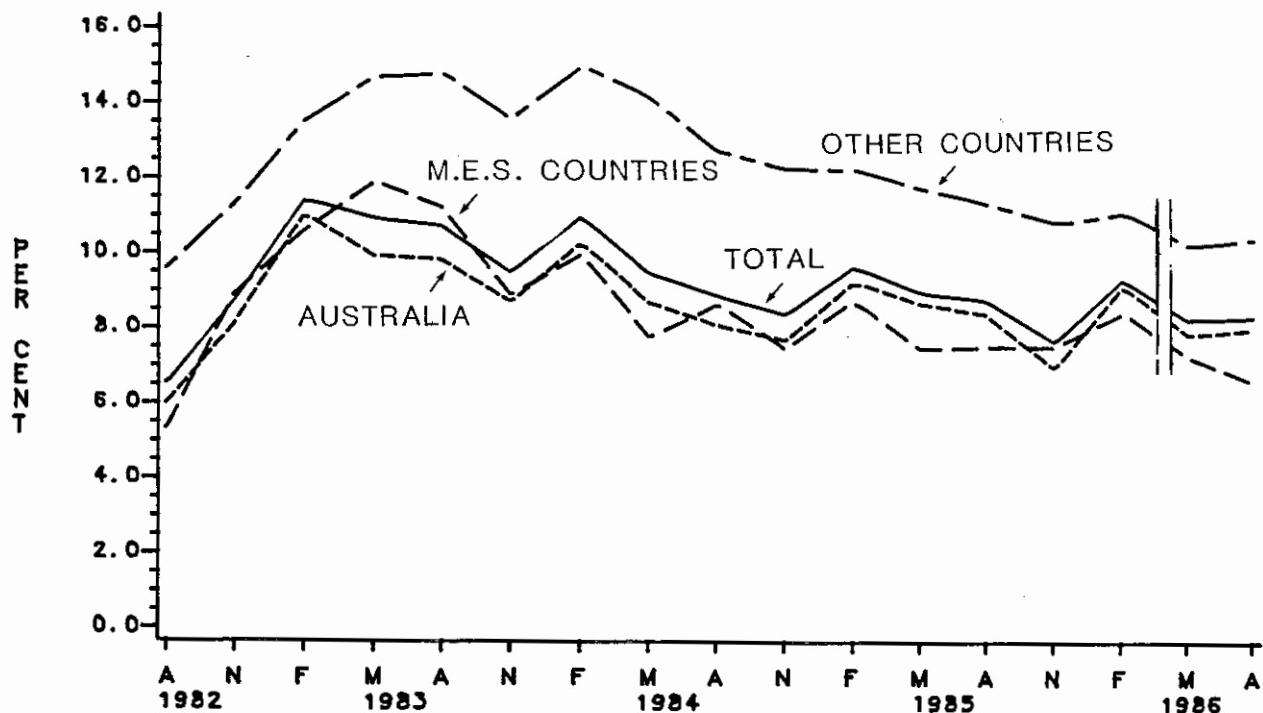
TABLE 11. UNEMPLOYED PERSONS (a) : DURATION OF UNEMPLOYMENT (b), N.S.W.

Duration of unemployment (weeks)	August 1982	August 1985	May 1986(c)	June 1986	July 1986	August 1986		
	Persons	Persons	Persons	Persons	Persons	Males	Females	Persons
('000)								
Under 2	10.5	12.7	14.6	10.8	12.5	6.5	8.3	14.7
2 and under	4	21.3	17.2	20.1	16.7	15.9	7.2	14.9
4 and under	8	22.6	19.4	20.3	19.9	22.2	11.2	18.9
8 and under	13	18.3	16.5	19.1	18.5	18.4	10.8	21.0
13 and under	26	20.4	26.0	36.1	36.2	31.5	15.9	28.4
26 and under	39	25.7	35.5	25.1	27.6	34.8	20.3	35.7
39 and under	52	4.5	13.4	7.8	5.1	8.6	6.9	12.2
52 and under	104	16.0	29.3	29.8	28.8	30.1	17.0	25.5
104 and over		15.7	48.0	40.7	44.2	40.6	31.3	42.7
Total	155.1	218.0	213.6	207.7	214.6	127.1	86.9	214.1
(weeks)								
Average duration of unemployment (d)	35.0	56.1	55.9	59.0	56.3	68.9	45.1	59.2

(a) Aged 15 and over. (b) Period from the time the person began looking for work or was stood down to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration of unemployment. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6. (d) Average duration is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

# DIAGRAM 6: UNEMPLOYMENT RATE AND BIRTHPLACE, N.S.W.

(THE NUMBER OF UNEMPLOYED IN EACH GROUP AS A PERCENTAGE  
OF THE LABOUR FORCE IN THE SAME GROUP)



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 12. UNEMPLOYED PERSONS (a) : UNEMPLOYMENT RATE (b) AND BIRTHPLACE, N.S.W.  
(per cent)

Month	Born in Australia	Born overseas			Total persons
		Main English speaking countries (c)	Other countries	Total, born overseas	
1982: August	6.0	5.3	9.6	7.8	6.5
1983: August	9.8	11.2	14.8	13.4	10.7
1984: August	8.1	8.7	12.8	11.2	8.9
1985: June	8.6	6.9	12.1	10.0	9.0
July	8.2	5.9	10.7	8.8	8.3
August	8.4	7.6	11.4	9.9	8.8
1986: May (d)	7.9	7.3	10.3	9.2	8.3
June	7.7	6.9	10.0	8.8	8.0
July	8.1	5.3	11.2	8.9	8.3
August	8.1	6.6	10.5	9.0	8.4

(a) Aged 15 and over. (b) The number of unemployed in each group as a percentage of the labour force in the same group. (c) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand. (d) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

TABLE 13. CIVILIAN LABOUR FORCE (a) : UNEMPLOYMENT RATE (b) AND PARTICIPATION RATE (c),  
REGIONS OF NEW SOUTH WALES  
(per cent)

Month	Central	Southern	South	Western	Northern	Total, Sydney	Newcastle	Hunter
	Sydney and Inner Western Sydney Sub- divisions	Sydney Sub- division	Sydney Sub- division	Sydney Sub- division	Sydney Sub- division	Statisti- cal Division (d)	Statisti- cal District	Statisti- cal Division (e)
UNEMPLOYMENT RATE								
1983: August	12.0	8.4	13.3	12.7	6.2	10.3	14.5	13.8
1984: August	9.1	7.5	7.5	9.2	4.3	7.7	12.5	11.8
1985: June	9.4	7.1	8.8	9.3	3.9	7.8	11.9	11.3
July	7.5	6.4	8.0	9.8	3.9	7.3	10.6	9.9
August	7.8	6.9	7.6	10.1	3.7	7.5	10.5	10.1
September	8.1	6.7	7.5	9.0	3.7	7.3	10.5	10.1
October	7.0	6.1	5.9	8.1	3.1	6.4	9.4	9.2
November	7.4	5.7	6.8	7.8	4.3	6.7	9.3	9.1
December	7.4	6.5	7.5	8.4	4.3	7.1	11.2	11.2
1986: January	9.4	6.8	8.3	8.9	5.2	7.9	13.5	13.0
February	8.6	7.0	10.4	9.3	5.2	8.3	12.2	12.6
March	8.3	6.5	9.7	9.1	4.9	7.8	11.8	11.4
April (h)	8.4	7.1	7.8	8.8	3.5	7.3	10.6	10.5
May	10.0	5.2	8.5	7.7	4.0	7.1	8.6	8.6
June	8.6	6.4	7.9	8.0	3.6	6.9	10.4	10.1
July	8.0	7.1	9.2	8.1	3.4	7.0	9.2	8.8
August	7.7	6.5	8.1	8.1	4.2	7.1	9.4	9.0
PARTICIPATION RATE								
1983: August	61.6	57.8	65.6	61.6	62.6	60.5	57.3	57.2
1984: August	61.8	59.6	66.3	61.8	61.8	61.0	56.7	57.3
1985: June	59.9	59.6	61.9	61.8	64.1	60.9	57.2	57.2
July	60.4	59.6	62.4	63.0	62.6	61.0	56.8	56.3
August	60.6	59.6	63.8	62.4	63.4	61.1	55.9	56.7
September	61.3	60.9	63.5	63.3	63.7	61.9	57.4	58.0
October	58.8	59.6	63.8	62.0	63.2	60.7	57.7	58.1
November	58.8	60.9	65.2	63.4	63.1	61.7	59.2	59.6
December	60.7	60.9	66.6	62.8	64.1	62.2	59.6	59.5
1986: January	59.9	60.4	65.7	61.8	62.1	61.1	58.4	59.1
February	59.9	60.4	69.0	63.0	64.4	62.2	60.2	59.5
March	60.0	61.0	69.9	64.8	65.4	63.0	58.6	57.7
April (h)	60.3	61.6	69.2	63.9	66.3	63.1	57.0	56.6
May	62.0	59.0	68.2	63.3	65.9	62.5	56.8	56.3
June	62.8	59.6	67.6	62.6	66.4	62.7	57.4	56.7
July	61.2	59.4	68.9	62.6	66.4	62.3	56.2	55.9
August	61.4	58.0	65.3	62.7	65.0	61.5	55.4	55.5

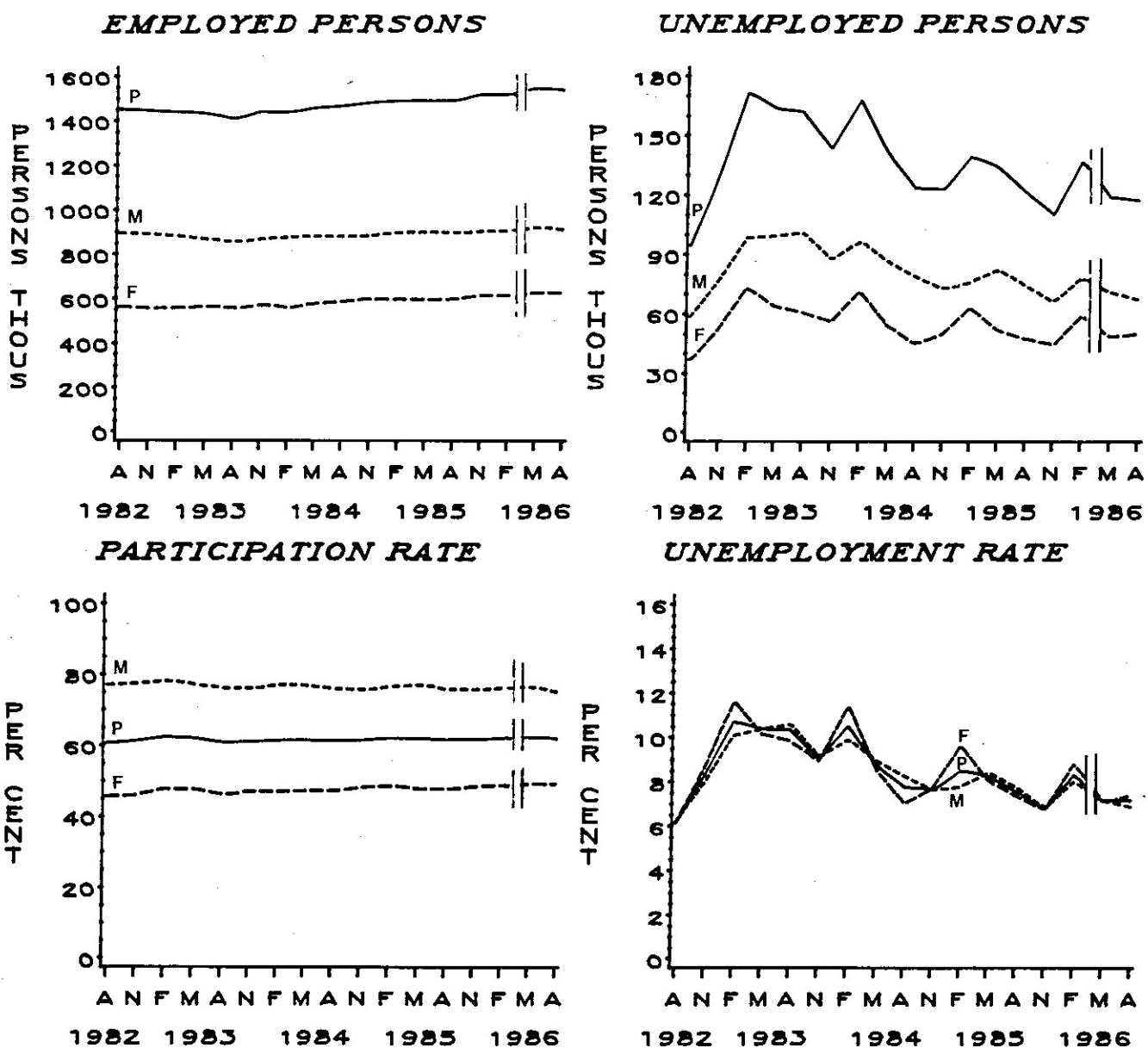
For footnotes, see end of table.

TABLE 13. CIVILIAN LABOUR FORCE (a) : UNEMPLOYMENT RATE (b) AND PARTICIPATION RATE (c),  
REGIONS OF NEW SOUTH WALES (continued)  
(per cent)

Month	Wollongong Statistical District	Illawarra and South-Eastern Statistical Divisions (f)	Richmond-Tweed and Mid-North Coast Statistical Divisions	Northern, North-Western and Central West Statistical Divisions	Murray and Murrumbidgee Statistical Divisions	Total, Balance of N.S.W. (g)	Total, New South Wales
UNEMPLOYMENT RATE							
1983: August	14.0	12.4	15.1	7.5	9.7	11.5	10.7
1984: August	15.5	13.3	13.3	8.8	7.0	11.0	8.9
1985: June	13.4	12.8	13.1	9.7	8.5	11.1	9.0
July	12.0	11.5	11.9	9.7	7.7	10.2	8.3
August	13.8	11.6	15.9	10.0	8.9	11.1	8.8
September	13.8	11.2	15.6	10.2	7.4	10.7	8.6
October	11.7	9.5	13.8	9.2	7.8	9.6	7.6
November	12.5	9.9	12.3	8.3	8.4	9.3	7.7
December	14.3	11.3	12.5	10.3	7.8	10.7	8.4
1986: January	12.2	10.6	12.2	9.7	10.4	11.1	9.1
February	13.2	10.3	15.1	10.7	9.1	11.4	9.4
March	13.2	11.2	15.4	9.1	8.1	10.8	8.9
April (h)	12.1	10.9	15.5	9.4	8.0	10.8	8.5
May	12.8	11.5	14.3	9.8	8.0	10.3	8.3
June	12.1	9.6	13.6	8.2	8.3	10.0	8.0
July	14.2	11.4	14.4	10.2	8.5	10.5	8.3
August	13.7	11.6	15.5	10.2	8.0	10.7	8.4
PARTICIPATION RATE							
1983: August	58.5	56.5	49.2	57.8	58.4	56.0	58.8
1984: August	59.5	58.2	55.4	58.3	60.0	57.7	59.8
1985: June	57.4	57.3	49.7	64.3	59.3	57.8	59.8
July	54.8	56.5	49.6	62.6	61.7	57.2	59.6
August	57.0	57.5	50.1	60.9	56.3	56.7	59.5
September	59.4	59.7	52.7	61.9	61.7	58.9	60.7
October	57.2	57.4	52.1	61.6	59.6	58.0	59.7
November	57.4	56.6	52.2	63.2	61.4	58.7	60.6
December	59.9	57.9	51.9	63.6	61.7	59.1	61.1
1986: January	58.2	58.2	53.3	62.2	59.5	58.6	60.2
February	60.8	60.6	54.2	61.4	62.6	59.7	61.3
March	60.9	60.2	54.6	61.3	62.0	59.2	61.6
April (h)	59.7	59.1	55.8	62.0	63.5	59.1	61.6
May	60.6	59.1	52.3	63.8	63.3	58.6	61.0
June	61.5	59.6	51.4	61.5	62.8	58.2	61.0
July	61.1	58.6	54.6	62.5	63.9	58.5	60.9
August	58.7	58.0	55.2	59.4	61.9	57.5	60.0

(a) Aged 15 and over. (b) The number of unemployed in each group as a percentage of the labour force in the same group. (c) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (d) Includes Gosford-Wyong Subdivision. (e) Includes Newcastle Statistical District. (f) Includes Wollongong Statistical District. (g) Includes Far West Statistical Division. (h) Estimates from April 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 7: SYDNEY STATISTICAL DIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

- In August 1986, the number of persons unemployed was 116,500 and the unemployment rate was 7.1 per cent. These estimates were little different to those in May 1986 of 118,300 persons unemployed and an unemployment rate of 7.1 per cent, and to the August 1985 estimate of 121,000 persons unemployed. However, the August 1986 estimated unemployment rate of 7.1 per cent represented an apparent decrease from the August 1985 estimated unemployment rate of 7.5 per cent. The unemployment rate in the Sydney Statistical Division continued to be approximately 1.0 percentage point below that for total New South Wales.
- The number of employed persons in August 1986 was 1,529,200, which represented an apparent decrease from the estimate in May 1986 of 1,546,500 persons, but represented a significant increase on the estimate in August 1985 of 1,486,500 persons. A rise in the number of persons in part-time employment accounted for most of the increase between August 1985 and August 1986. Between May and August 1986, the number of persons in full-time employment decreased by 24,400 persons.

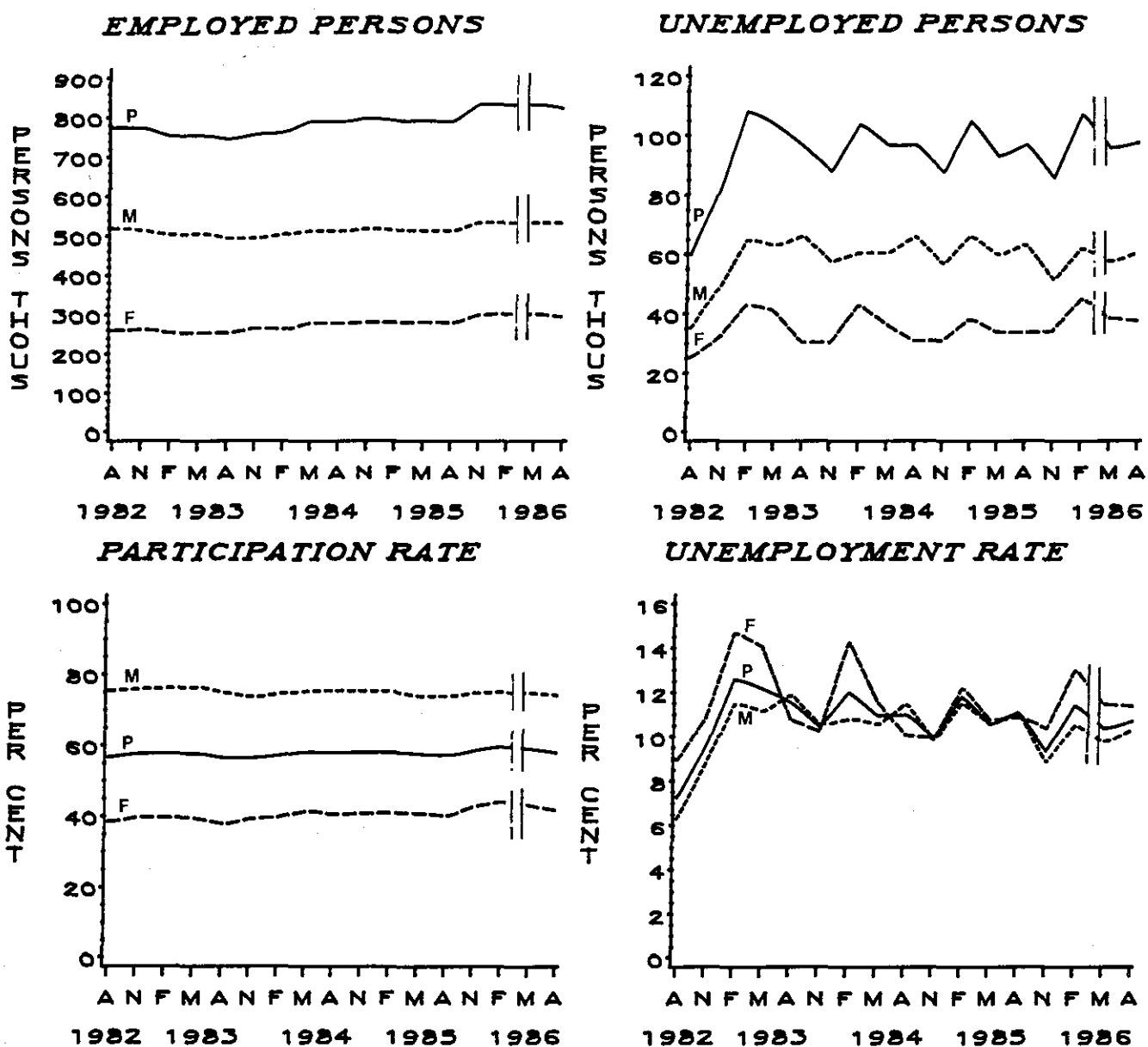
TABLE 14. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER, SYDNEY STATISTICAL DIVISION 29

Month	Employed		Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)						
MALES										
1982: August	842.1	894.7	54.3	58.8	953.4	283.3	1,236.8	6.2	77.1	
1983: August	797.4	851.0	97.2	101.1	952.1	303.3	1,255.3	10.6	75.8	
1984: August	821.1	878.2	73.8	78.4	956.6	307.4	1,263.9	8.2	75.7	
1985: June	835.4	889.7	70.3	76.9	966.6	307.1	1,273.8	8.0	75.9	
July	841.6	893.3	67.8	71.3	964.6	310.7	1,275.3	7.4	75.6	
August	839.0	890.2	69.0	74.1	964.3	312.6	1,277.0	7.7	75.5	
1986: May (c)	863.5	920.0	62.9	70.3	990.3	303.5	1,293.8	7.1	76.5	
June	863.6	919.0	64.1	69.6	988.5	307.0	1,295.6	7.0	76.3	
July	858.0	917.4	62.0	67.0	984.4	313.4	1,297.8	6.8	75.8	
August	847.9	904.3	60.9	66.5	970.8	329.1	1,299.9	6.8	74.7	
MARRIED FEMALES										
1982: August	185.8	312.3	8.2	15.6	327.9	419.2	747.1	4.7	43.9	
1983: August	177.1	300.9	15.6	25.4	326.3	424.6	750.9	7.8	43.5	
1984: August	195.5	329.5	11.0	18.2	347.7	409.9	757.5	5.2	45.9	
1985: June	188.4	323.6	11.4	19.4	342.9	413.6	756.5	5.7	45.3	
July	190.2	324.7	11.1	19.1	343.7	414.8	758.5	5.5	45.3	
August	191.7	326.5	13.0	19.4	345.9	411.7	757.6	5.6	45.7	
1986: May (c)	211.0	357.0	11.0	18.8	375.8	388.9	764.7	5.0	49.1	
June	211.6	367.6	10.0	17.7	385.3	389.9	775.2	4.6	49.7	
July	204.6	366.9	12.5	19.0	385.9	389.0	774.9	4.9	49.8	
August	206.9	361.7	11.0	17.8	379.6	394.0	773.6	4.7	49.1	
ALL FEMALES										
1982: August	379.2	557.7	23.7	36.2	593.9	714.0	1,307.9	6.1	45.4	
1983: August	375.7	549.6	44.9	60.0	609.6	717.7	1,327.3	9.8	45.9	
1984: August	397.7	587.3	31.4	44.5	631.9	707.2	1,339.0	7.0	47.2	
1985: June	400.3	583.1	34.7	48.1	631.3	718.2	1,349.5	7.6	46.8	
July	408.4	591.5	31.6	46.3	637.8	713.4	1,351.2	7.3	47.2	
August	406.6	596.3	34.2	46.9	643.2	709.7	1,353.0	7.3	47.5	
1986: May (c)	422.9	626.5	32.3	48.0	674.5	695.1	1,369.6	7.1	49.2	
June	422.7	636.1	31.9	46.2	682.3	689.0	1,371.3	6.8	49.8	
July	411.7	630.6	37.4	50.3	680.9	692.7	1,373.6	7.4	49.6	
August	414.2	624.9	35.7	50.0	674.9	700.8	1,375.6	7.4	49.1	
PERSONS										
1982: August	1,221.4	1,452.4	77.9	95.0	1,547.4	997.3	2,544.7	6.1	60.8	
1983: August	1,173.1	1,400.7	142.0	161.0	1,561.7	1,021.0	2,582.7	10.3	60.5	
1984: August	1,218.8	1,465.5	105.2	122.9	1,588.4	1,014.5	2,602.9	7.7	61.0	
1985: June	1,235.6	1,472.8	105.0	125.1	1,597.9	1,025.3	2,623.2	7.8	60.9	
July	1,249.9	1,484.8	99.4	117.6	1,602.4	1,024.1	2,626.5	7.3	61.0	
August	1,245.6	1,486.5	103.2	121.0	1,607.6	1,022.4	2,629.9	7.5	61.1	
1986: May (c)	1,286.5	1,546.5	95.2	118.3	1,664.8	998.6	2,663.4	7.1	62.5	
June	1,286.3	1,555.1	96.0	115.8	1,670.9	996.0	2,666.9	6.9	62.7	
July	1,269.8	1,547.9	99.4	117.3	1,665.3	1,006.2	2,671.5	7.0	62.3	
August	1,262.1	1,529.2	96.6	116.5	1,645.7	1,029.8	2,675.5	7.1	61.5	

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 8: BALANCE OF NEW SOUTH WALES



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

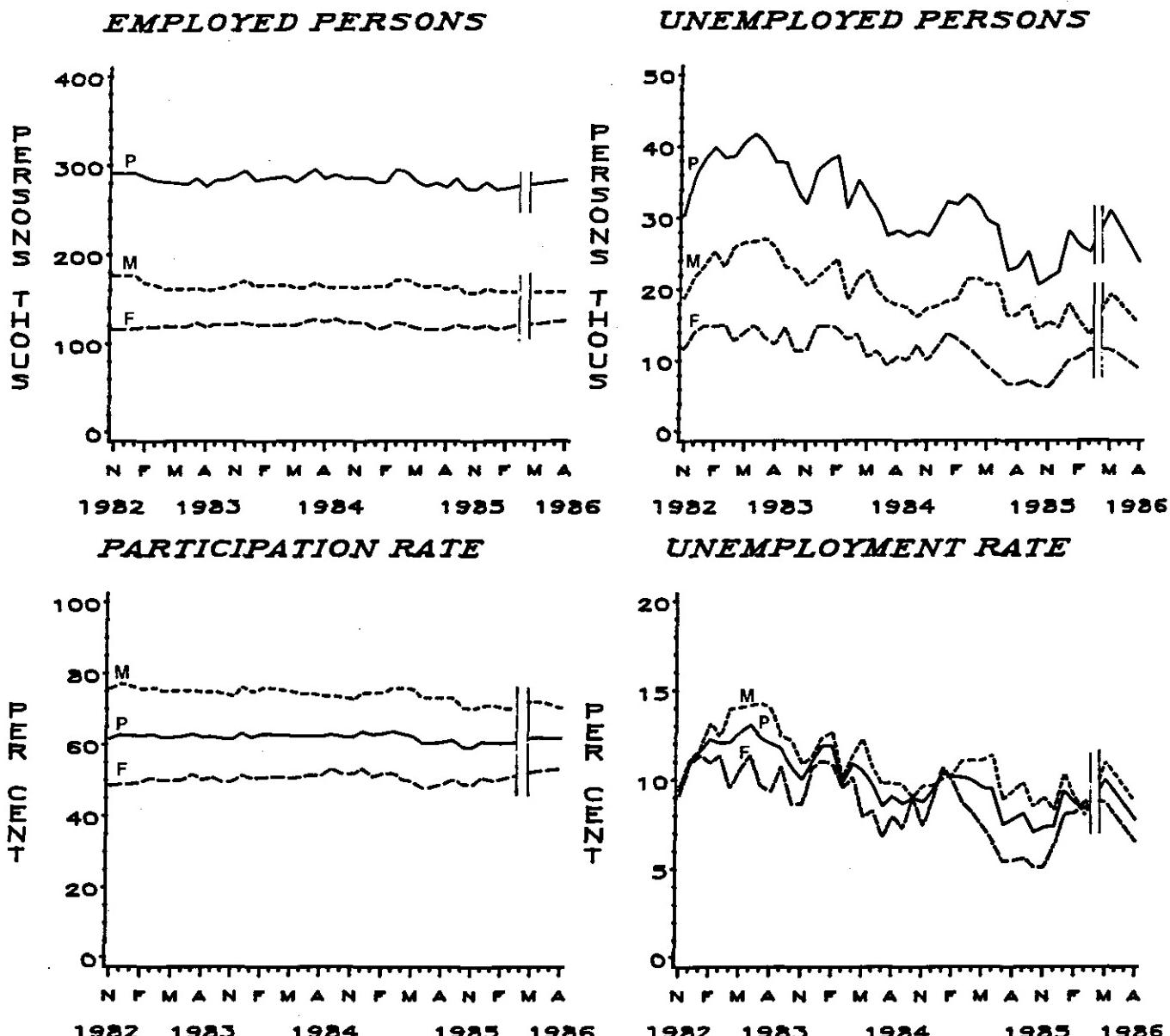
- In August 1986, the number of persons unemployed was 97,600 and the unemployment rate was 10.7 per cent. These estimates were little different to those in May 1986 of 95,300 persons unemployed and an unemployment rate of 10.3 per cent, and to those in August 1985 of 97,000 persons unemployed and an unemployment rate of 11.1 per cent. The unemployment rate in the Balance of New South Wales continued to be approximately 2.0 percentage points above that for total New South Wales.
- The number of employed persons in August 1986 was 815,200, which represented an apparent decrease from the estimate in May 1986 of 828,200, but represented a significant increase on the estimate in August 1985 of 781,000 persons.

TABLE 15. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: BALANCE OF NEW SOUTH WALES

Month	Employed		Unemployed			Civilian			
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)	Not in labour force ('000)	Population aged 15 and over ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
MALES									
1982: August	485.3	518.9	33.3	35.2	554.0	180.8	734.8	6.3	75.4
1983: August	456.3	489.8	64.6	66.2	556.0	189.2	745.2	11.9	74.6
1984: August	477.3	508.4	63.3	66.1	574.5	187.9	762.3	11.5	75.4
1985: June	476.3	509.6	61.3	64.1	573.6	198.4	772.1	11.2	74.3
July	481.1	511.9	56.4	58.3	570.3	203.4	773.7	10.2	73.7
August	474.3	507.5	61.4	63.5	571.1	204.1	775.2	11.1	73.7
1986: May (c)	490.0	530.5	55.4	57.1	587.6	202.0	789.6	9.7	74.4
June	496.2	536.3	50.1	53.2	589.5	201.7	791.2	9.0	74.5
July	490.4	528.6	56.8	59.1	587.7	205.4	793.2	10.1	74.1
August	489.1	526.1	57.2	60.7	586.7	208.1	794.8	10.3	73.8
MARRIED FEMALES									
1982: August	86.3	163.7	5.1	7.4	171.1	296.7	467.8	4.3	36.6
1983: August	88.0	159.7	8.0	11.5	171.2	307.1	478.2	6.7	35.8
1984: August	88.5	171.2	7.8	12.3	183.5	287.2	470.7	6.7	39.0
1985: June	96.6	177.5	6.2	11.3	188.8	283.5	472.3	6.0	40.0
July	99.1	180.8	5.2	9.5	190.3	287.1	477.4	5.0	39.9
August	91.7	174.7	7.2	12.3	187.0	288.2	475.1	6.6	39.3
1986: May (c)	104.4	197.8	8.6	14.7	212.5	285.6	498.1	6.9	42.7
June	97.5	189.4	9.5	16.6	206.0	295.1	501.1	8.1	41.1
July	104.3	197.4	9.6	15.7	213.1	282.2	495.3	7.4	43.0
August	98.7	190.5	8.7	14.8	205.3	293.0	498.3	7.2	41.2
ALL FEMALES									
1982: August	154.5	255.7	20.8	24.9	280.6	456.4	737.0	8.9	38.1
1983: August	149.4	250.4	25.5	30.0	280.4	467.9	748.3	10.7	37.5
1984: August	164.2	274.2	23.3	30.4	304.6	455.5	760.1	10.0	40.1
1985: June	173.0	282.6	25.7	34.7	317.2	452.8	770.0	10.9	41.2
July	175.4	281.6	23.0	31.5	313.1	458.3	771.4	10.1	40.6
August	163.8	273.5	25.7	33.5	307.0	465.9	772.9	10.9	39.7
1986: May (c)	176.2	297.7	28.7	38.1	335.8	450.9	786.8	11.4	42.7
June	172.3	291.8	27.9	38.7	330.5	457.8	788.3	11.7	41.9
July	179.2	300.9	27.9	38.1	339.0	451.2	790.2	11.2	42.9
August	169.0	289.1	27.6	37.0	326.0	465.8	791.8	11.3	41.2
PERSONS									
1982: August	639.8	774.6	54.1	60.0	834.6	637.2	1,471.9	7.2	56.7
1983: August	605.6	740.2	90.1	96.2	836.4	657.1	1,493.5	11.5	56.0
1984: August	641.6	782.6	86.6	96.5	879.1	643.3	1,522.4	11.0	57.7
1985: June	649.3	792.1	87.0	98.7	890.9	651.2	1,542.1	11.1	57.8
July	654.5	793.5	79.4	89.9	883.4	661.8	1,545.1	10.2	57.2
August	638.1	781.0	87.1	97.0	878.1	670.0	1,548.1	11.1	56.7
1986: May (c)	666.2	828.2	84.1	95.3	923.4	653.0	1,576.4	10.3	58.6
June	668.6	828.0	78.0	91.9	919.9	659.5	1,579.4	10.0	58.2
July	669.6	829.5	84.7	97.3	926.8	656.6	1,583.3	10.5	58.5
August	658.1	815.2	84.8	97.6	912.8	673.9	1,586.7	10.7	57.5

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

**DIAGRAM 9: CENTRAL SYDNEY AND INNER WESTERN  
SYDNEY SUBDIVISIONS**



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

**SUMMARY OF FINDINGS**

- In August 1986, the number of persons unemployed was 23,600 and the unemployment rate was 7.7 per cent. These estimates represented a significant decrease from the estimates in May 1986 of 30,900 unemployed persons and an unemployment rate of 10.0 per cent, but were little different to the estimates in August 1985 of 23,200 unemployed persons and an unemployment rate of 7.8 per cent. In contrast to the majority of regions, the unemployment rate for males in this region is higher, in most months, than that for females.
- The number of employed persons in August 1986 was 282,600, which was little different to the estimates in May 1986 of 278,500 persons and in August 1985 of 272,800 persons.

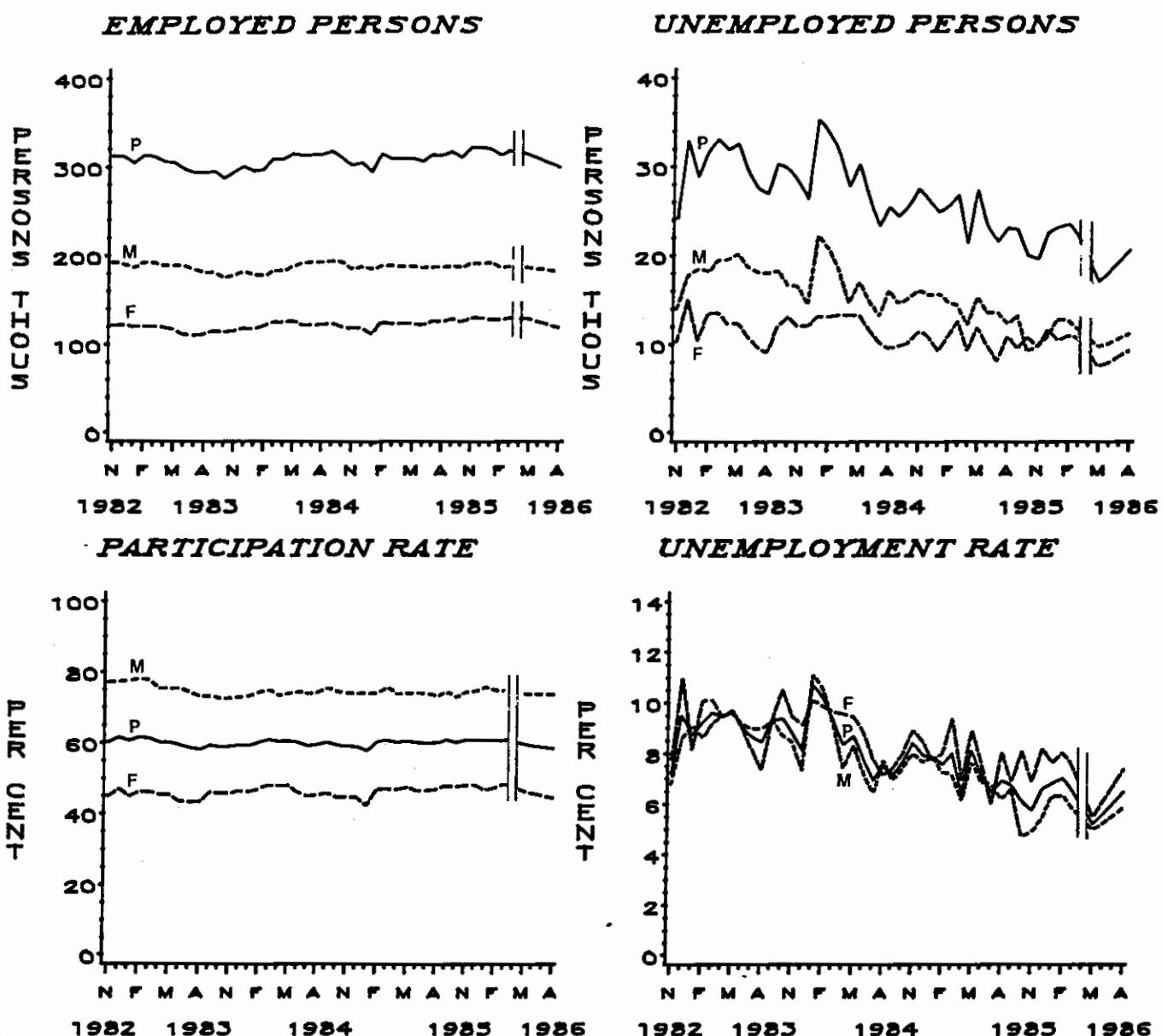
TABLE 16. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
CENTRAL SYDNEY AND INNER WESTERN SYDNEY SUBDIVISIONS

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	144.1	157.7	24.2	25.6	183.3	63.4	13.9	74.3
1984: August	148.5	161.0	16.4	17.7	178.7	65.5	9.9	73.2
1985: June	147.6	161.3	18.7	20.7	182.0	68.5	11.4	72.7
July	150.8	165.2	15.1	16.0	181.3	67.7	8.9	72.8
August	146.2	158.4	15.7	16.5	174.9	65.8	9.4	72.7
1986: May (c)	143.2	156.7	16.7	19.3	176.0	67.7	11.0	72.2
June	150.9	162.3	14.6	15.9	178.2	69.6	8.9	71.9
July	144.9	155.5	13.5	13.7	169.2	73.4	8.1	69.7
August	144.1	157.3	14.1	15.0	172.3	74.7	8.7	69.8
FEMALES								
1983: August	84.7	117.4	9.9	12.1	129.5	131.8	9.3	49.6
1984: August	88.0	122.3	7.5	10.6	132.9	127.3	8.0	51.1
1985: June	88.4	113.3	5.7	7.9	121.2	134.9	6.5	47.3
July	88.3	114.6	4.8	6.5	121.0	130.5	5.4	48.1
August	87.7	114.4	5.0	6.7	121.1	126.7	5.5	48.9
1986: May (c)	92.2	121.8	8.4	11.6	133.4	121.6	8.7	52.3
June	96.3	126.4	8.7	11.3	137.8	117.4	8.2	54.0
July	96.4	126.1	8.9	10.9	137.0	120.6	7.9	53.2
August	93.4	125.3	7.1	8.7	134.0	117.5	6.5	53.3
PERSONS								
1983: August	228.8	275.1	34.1	37.6	312.7	195.2	12.0	61.6
1984: August	236.6	283.3	24.0	28.3	311.6	192.8	9.1	61.8
1985: June	236.0	274.7	24.4	28.6	303.3	203.4	9.4	59.9
July	239.1	279.8	19.9	22.5	302.3	198.2	7.5	60.4
August	233.9	272.8	20.7	23.2	296.0	192.5	7.8	60.6
1986: May (c)	235.4	278.5	25.1	30.9	309.4	189.3	10.0	62.0
June	247.2	288.7	23.3	27.3	316.0	187.0	8.6	62.8
July	241.3	281.6	22.4	24.6	306.2	194.1	8.0	61.2
August	237.5	282.6	21.2	23.6	306.2	192.2	7.7	61.4

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 10: SOUTHERN SYDNEY SUBDIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

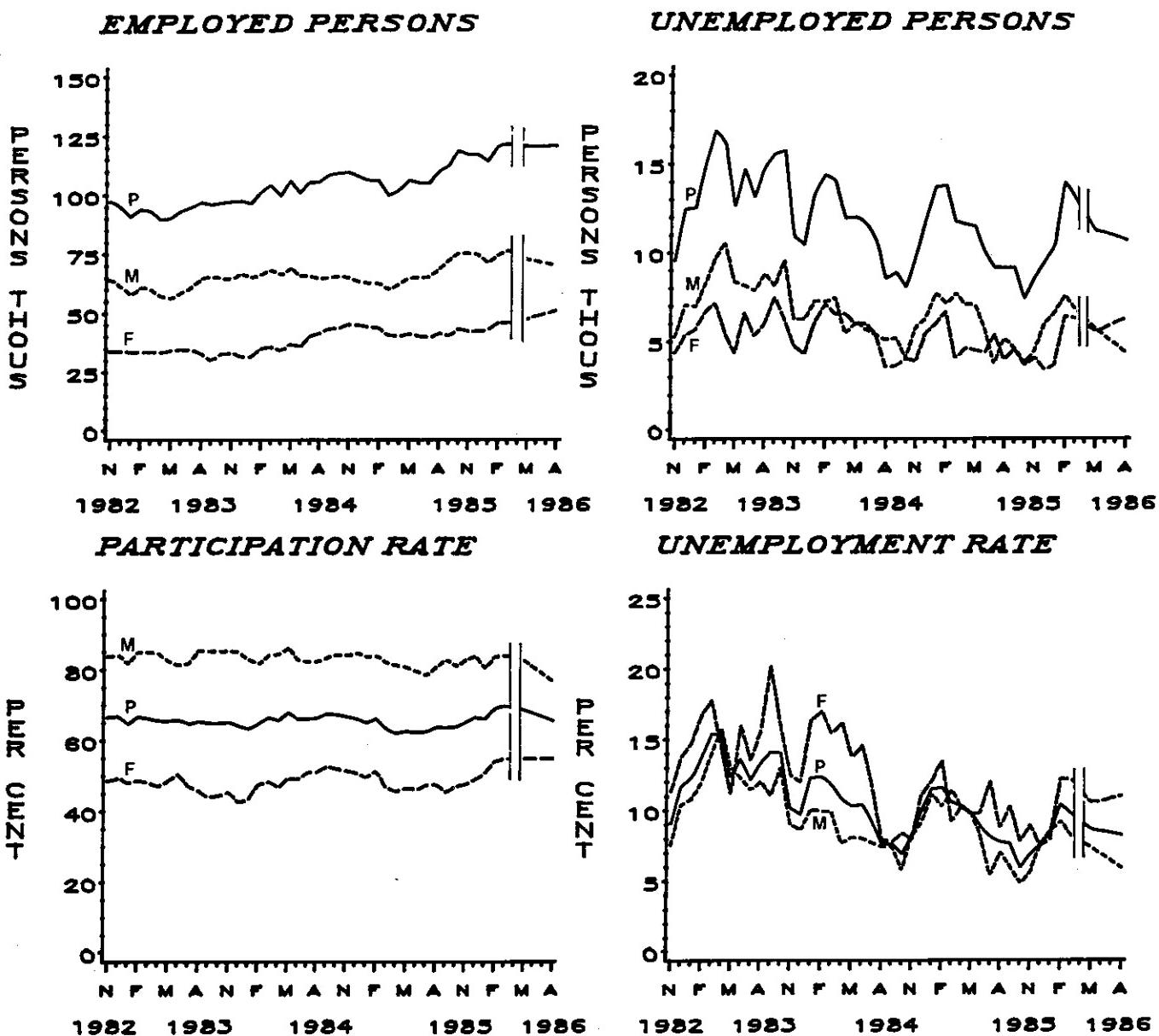
- In August 1986, the number of persons unemployed was 20,600 and the unemployment rate was 6.5 per cent. These estimates represented an apparent increase on the estimates in May 1986 of 17,000 unemployed persons and an unemployment rate of 5.2 per cent, but were little different to the August 1985 estimates of 23,100 unemployed persons and an unemployment rate of 6.9 per cent. This region continued to record an unemployment rate below the rate for New South Wales in every month.
- The number of employed persons in August 1986 was 297,600 which represented an apparent decrease from the estimates in May 1986 of 311,800 persons and in August 1985 of 311,800 persons.

TABLE 17. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
SOUTHERN SYDNEY SUBDIVISION

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	168.9	179.9	17.3	17.9	197.8	73.9	9.0	72.8
1984: August	181.0	191.7	15.1	16.0	207.7	71.6	7.7	74.4
1985: June	176.3	184.5	12.3	13.5	198.0	69.7	6.8	74.0
July	179.8	187.1	12.5	13.5	200.6	72.0	6.7	73.6
August	179.9	187.0	11.6	12.2	199.2	74.0	6.1	72.9
1986: May (c)	176.1	184.8	9.1	9.6	194.4	70.2	4.9	73.5
June	176.4	184.1	11.9	12.6	196.7	65.2	6.4	75.1
July	171.2	181.3	12.0	12.9	194.2	67.6	6.6	74.2
August	173.2	180.4	10.4	11.2	191.7	69.4	5.9	73.4
FEMALES								
1983: August	78.5	112.2	6.1	8.9	121.1	158.5	7.3	43.3
1984: August	85.9	122.4	6.6	9.4	131.8	158.3	7.1	45.4
1985: June	79.4	119.4	6.8	9.8	129.2	152.1	7.6	45.9
July	88.7	126.4	6.5	8.0	134.4	155.2	5.9	46.4
August	87.9	124.8	8.2	10.9	135.7	152.7	8.0	47.0
1986: May (c)	88.6	127.0	4.8	7.3	134.3	158.0	5.5	45.9
June	85.7	124.1	6.7	8.6	132.7	158.3	6.5	45.6
July	81.1	120.5	7.8	10.1	130.6	154.1	7.7	45.9
August	77.6	117.2	6.9	9.3	126.5	160.7	7.4	44.1
PERSONS								
1983: August	247.4	292.1	23.3	26.8	318.8	232.4	8.4	57.8
1984: August	266.9	314.1	21.7	25.4	339.5	229.9	7.5	59.6
1985: June	255.7	303.9	19.0	23.2	327.2	221.8	7.1	59.6
July	268.6	313.5	18.9	21.5	335.0	227.2	6.4	59.6
August	267.8	311.8	19.8	23.1	334.9	226.7	6.9	59.6
1986: May (c)	264.7	311.8	13.9	17.0	328.7	228.3	5.2	59.0
June	262.1	308.2	18.6	21.2	329.4	223.4	6.4	59.6
July	252.3	301.8	19.9	23.0	324.8	221.7	7.1	59.4
August	250.8	297.6	17.3	20.6	318.2	230.1	6.5	58.0

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 11: SOUTH WESTERN SYDNEY SUBDIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

- In August 1986, the number of unemployed persons was 10,600 and the unemployment rate was 8.1 per cent. These estimates were little different to those in May 1986 of 11,200 unemployed persons and an unemployment rate of 8.5 per cent, and to those in August 1985 of 9,100 unemployed persons and an unemployment rate of 7.6 per cent.
- The number of persons employed in August 1986 was 120,600, which was little different to the estimate in May 1986 of 119,600 persons, but represented an apparent increase on the estimate in August 1985 of 110,000 persons.
- The labour force participation rate for this region continued to vary over the 12 months to August 1986. The participation rate in August 1986 was 65.3 per cent, which was 2.9 percentage points below the May 1986 estimate of 68.2 per cent and 1.5 percentage points above the August 1985 estimate of 63.8 per cent.

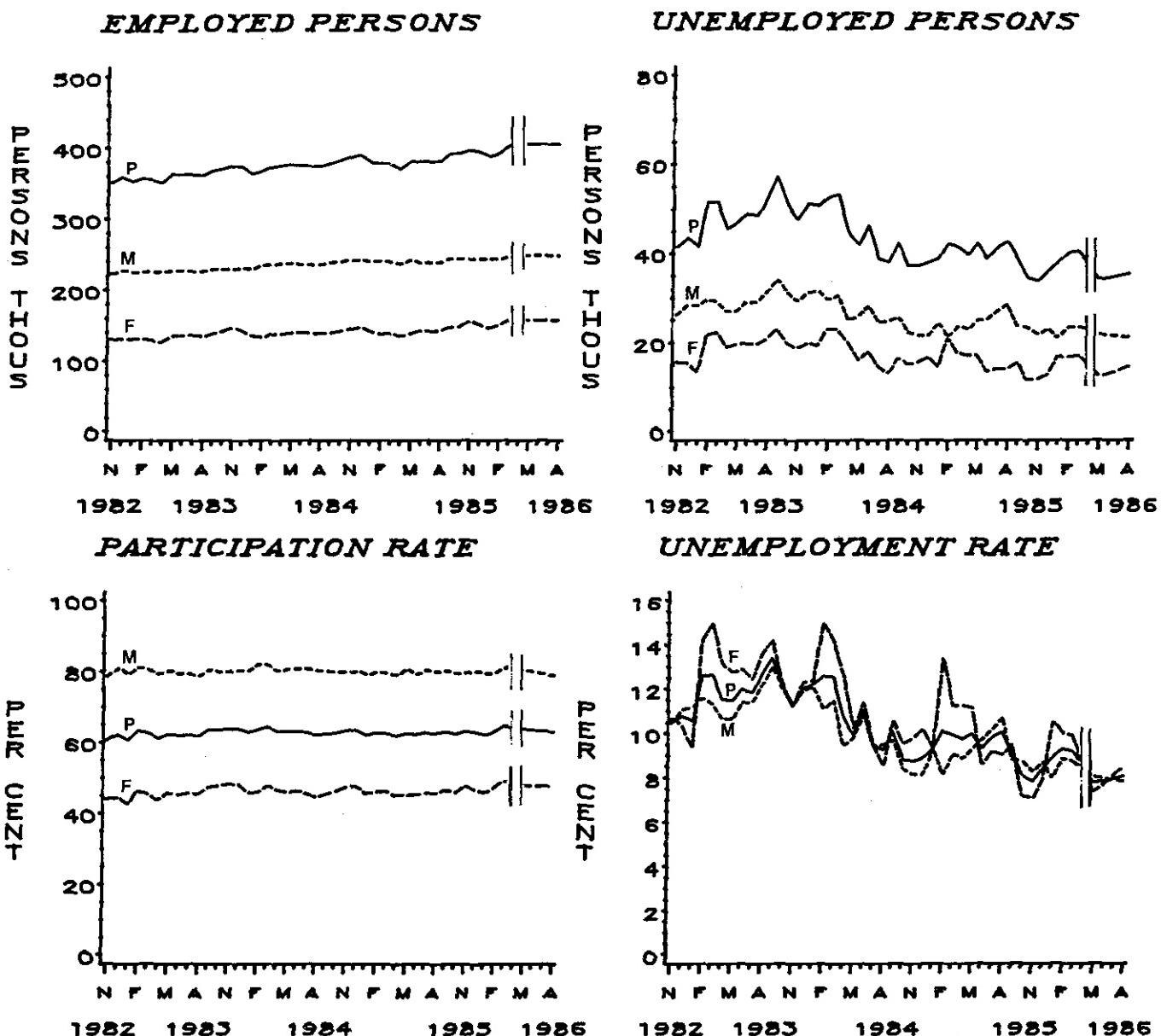
TABLE 18. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
SOUTH WESTERN SYDNEY SUBDIVISION

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	61.3	64.6	8.8	8.8	73.4	12.5	12.0	85.5
1984: August	60.7	63.9	4.7	5.0	68.9	14.9	7.3	82.2
1985: June	61.5	64.9	4.9	5.7	70.6	18.6	8.1	79.2
July	62.4	65.4	3.7	3.7	69.1	19.3	5.4	78.2
August	64.7	68.5	4.7	5.2	73.7	17.5	7.0	80.8
1986: May (c)	68.6	72.1	5.0	5.6	77.7	16.7	7.3	82.3
June	69.3	72.3	5.8	6.2	78.5	17.7	7.9	81.6
July	68.7	73.1	5.1	6.2	79.3	17.5	7.8	81.9
August	65.7	69.5	3.8	4.3	73.8	22.9	5.8	76.3
FEMALES								
1983: August	18.7	32.4	4.9	6.0	38.4	46.1	15.6	45.5
1984: August	27.5	41.5	*	3.5	45.0	42.9	7.8	51.2
1985: June	24.4	39.4	3.9	4.3	43.7	51.8	9.8	45.8
July	25.6	39.3	3.7	5.4	44.6	49.4	12.1	47.5
August	27.6	41.5	*	3.9	45.4	50.0	8.7	47.6
1986: May (c)	29.8	47.5	3.4	5.5	53.1	44.2	10.4	54.6
June	31.1	50.3	*	4.3	54.7	46.2	7.9	54.2
July	32.3	51.5	4.3	6.4	57.9	44.3	11.0	56.6
August	32.1	51.1	3.5	6.3	57.5	47.0	11.0	55.0
PERSONS								
1983: August	80.0	97.0	13.8	14.8	111.8	58.5	13.3	65.6
1984: August	88.2	105.4	6.4	8.5	113.9	57.8	7.5	66.3
1985: June	86.0	104.4	8.8	10.0	114.4	70.4	8.8	61.9
July	88.0	104.6	7.4	9.1	113.7	68.6	8.0	62.4
August	92.4	110.0	7.6	9.1	119.1	67.5	7.6	63.8
1986: May (c)	98.4	119.6	8.3	11.2	130.8	60.9	8.5	68.2
June	100.4	122.6	8.2	10.6	133.2	63.9	7.9	67.6
July	101.1	124.6	9.4	12.6	137.2	61.9	9.2	68.9
August	97.8	120.6	7.4	10.6	131.2	69.9	8.1	65.3

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons.

Explanatory Note 6.

## DIAGRAM 12: WESTERN SYDNEY SUBDIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

- In August 1986, the number of persons unemployed was 35,400 and the unemployment rate was 8.1 per cent. These estimates were little different to those in May 1986 of 33,900 unemployed persons and an unemployment rate of 7.7 per cent, but represented a significant decrease from the estimates in August 1985 of 42,600 unemployed persons and an unemployment rate of 10.1 per cent. A decrease in the number of males looking for full-time work (6,400) accounted for most of the decrease between August 1985 and August 1986.
- The number of employed persons in August 1986 was 403,300, which was little different to the estimate in May 1986 of 405,000 persons, but represented a significant increase on the estimate in August 1985 of 380,200 persons. A rise in the number of females employed (14,100) accounted for most of the increase between August 1985 and August 1986.

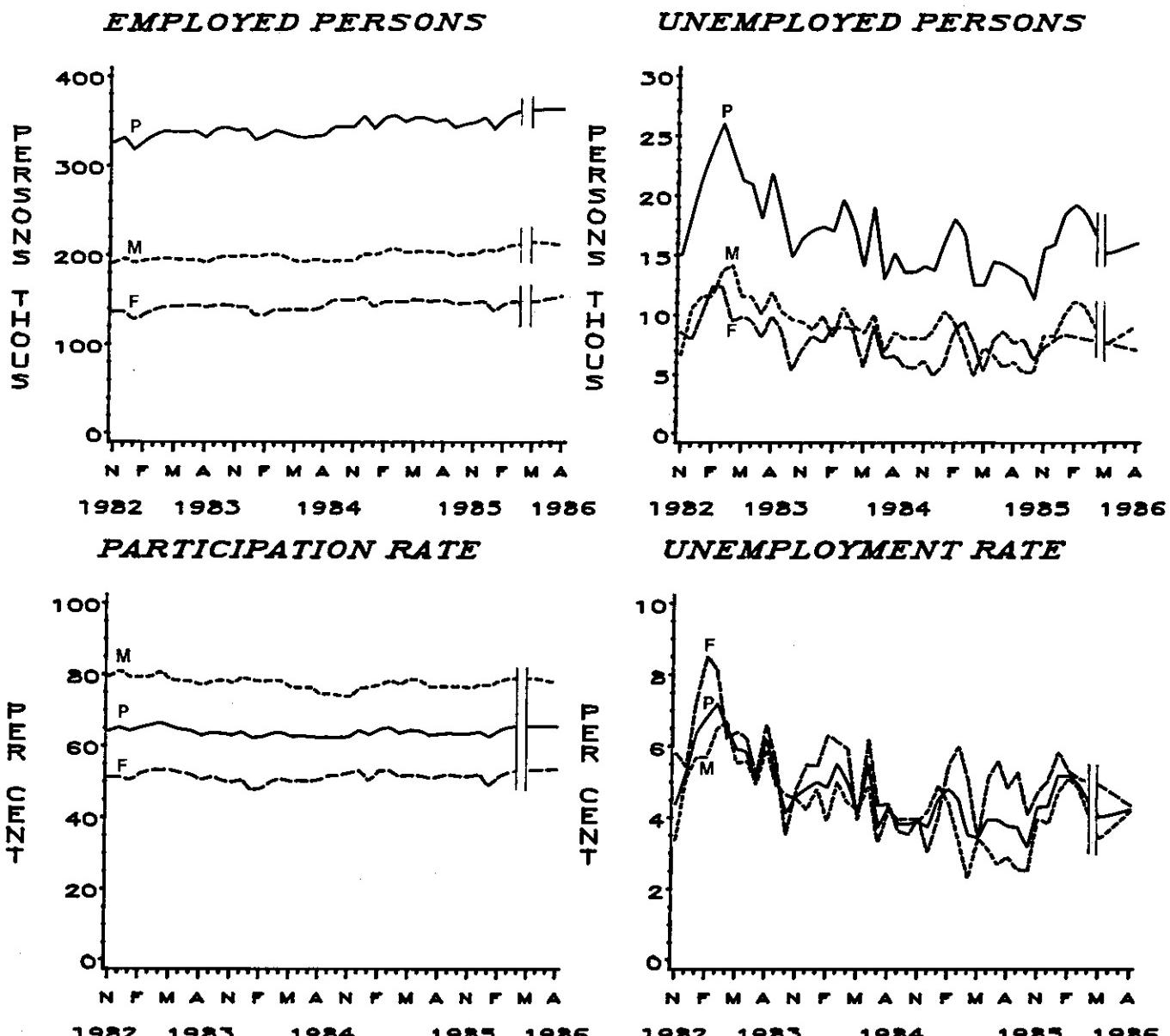
TABLE 19. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
WESTERN SYDNEY SUBDIVISION

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	217.3	226.0	30.8	31.4	257.4	70.8	12.2	78.4
1984: August	223.5	235.0	24.0	24.8	259.7	64.8	9.5	80.0
1985: June	224.3	235.1	24.7	25.3	260.4	69.5	9.7	78.9
July	228.2	238.7	26.1	27.1	265.8	63.8	10.2	80.6
August	227.4	237.7	25.9	28.5	266.3	68.5	10.7	79.5
1986: May (c)	235.2	248.2	19.9	21.6	269.8	67.1	8.0	80.1
June	224.9	237.2	19.6	21.1	258.3	71.8	8.2	78.2
July	233.6	246.8	19.0	20.1	266.8	72.2	7.5	78.7
August	234.8	246.7	19.5	20.8	267.5	72.9	7.8	78.6
FEMALES								
1983: August	89.1	132.7	17.2	20.9	153.6	185.7	13.6	45.3
1984: August	93.3	137.9	10.4	12.8	150.7	189.0	8.5	44.4
1985: June	96.4	142.4	10.9	13.3	155.7	187.4	8.6	45.4
July	94.5	140.7	10.5	14.3	155.0	183.1	9.2	45.8
August	93.3	142.5	11.4	14.1	156.5	186.7	9.0	45.6
1986: May (c)	102.7	156.8	8.7	12.4	169.2	187.6	7.3	47.4
June	97.6	156.5	9.3	12.9	169.4	183.8	7.6	48.0
July	94.7	154.7	10.4	15.1	169.8	189.0	8.9	47.3
August	99.6	156.6	11.2	14.6	171.2	188.6	8.5	47.6
PERSONS								
1983: August	306.4	358.7	48.0	52.3	411.0	256.5	12.7	61.6
1984: August	316.8	372.8	34.4	37.6	410.4	253.7	9.2	61.8
1985: June	320.8	377.4	35.6	38.6	416.0	256.9	9.3	61.8
July	322.6	379.4	36.6	41.4	420.8	246.9	9.8	63.0
August	320.7	380.2	37.3	42.6	422.8	255.2	10.1	62.4
1986: May (c)	338.0	405.0	28.6	33.9	438.9	254.7	7.7	63.3
June	322.6	393.7	28.9	34.0	427.7	255.6	8.0	62.6
July	328.3	401.4	29.4	35.2	436.6	261.2	8.1	62.6
August	334.5	403.3	30.6	35.4	438.7	261.5	8.1	62.7

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

### DIAGRAM 13: NORTHERN SYDNEY SUBDIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

#### SUMMARY OF FINDINGS

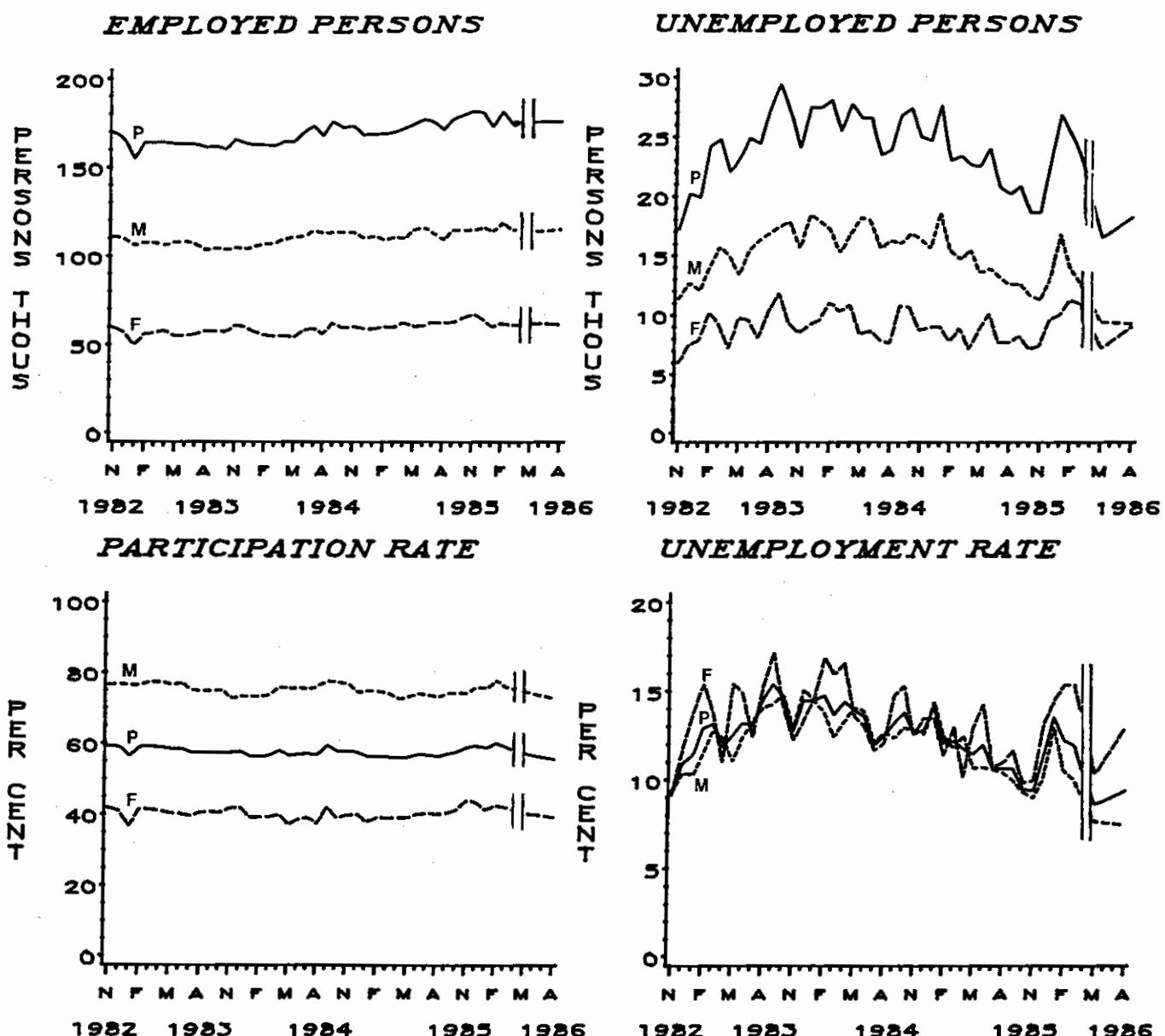
- In August 1986, the number of unemployed persons was 16,100 and the unemployment rate was 4.2 per cent. These estimates were little different to those in May 1986 of 15,100 unemployed persons and an unemployment rate of 4.0 per cent. The August 1986 estimate of 16,100 unemployed persons represented an apparent increase on the August 1985 estimate of 13,600 unemployed persons, but the August 1986 estimated unemployment rate of 4.2 per cent was little different to the August 1985 estimated unemployment rate of 3.7 per cent. This region continued to record the lowest unemployment rate in New South Wales in every month.
- The number of employed persons in August 1986 was 363,200, which was little different to the estimate in May 1986 of 362,500 persons, but represented an apparent increase on the estimate in August 1985 of 351,900 persons.

TABLE 20. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
NORTHERN SYDNEY SUBDIVISION

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	174.8	190.1	10.9	11.9	202.0	60.9	5.9	76.8
1984: August	175.4	191.4	7.4	8.5	199.9	70.0	4.2	74.1
1985: June	189.0	204.9	4.9	6.5	211.4	59.2	3.1	78.1
July	186.8	200.9	5.1	5.5	206.4	64.4	2.7	76.2
August	187.4	<u>202.3</u>	<u>5.4</u>	<u>6.1</u>	<u>208.4</u>	<u>63.2</u>	<u>2.9</u>	<u>76.7</u>
1986: May (c)	198.8	215.2	6.4	7.5	222.7	59.3	3.4	79.0
June	198.3	217.8	6.8	7.7	225.5	59.6	3.4	79.1
July	198.5	217.7	6.7	8.0	225.7	58.4	3.6	79.5
August	190.6	208.9	7.5	9.1	218.1	64.2	4.2	77.3
FEMALES								
1983: August	96.4	140.0	5.4	9.9	149.9	149.5	6.6	50.1
1984: August	90.2	142.6	3.6	6.6	149.2	145.5	4.4	50.6
1985: June	97.5	147.0	4.4	7.9	154.9	146.1	5.1	51.5
July	96.7	146.0	4.1	8.7	154.6	151.1	5.6	50.6
August	96.7	<u>149.6</u>	<u>4.0</u>	<u>7.5</u>	<u>157.1</u>	<u>148.0</u>	<u>4.8</u>	<u>51.5</u>
1986: May (c)	93.8	147.4	4.6	7.6	155.0	136.4	4.9	53.2
June	96.7	154.1	3.1	6.1	160.2	135.5	3.8	54.2
July	92.3	154.7	3.6	5.1	159.8	136.8	3.2	53.9
August	98.7	154.2	3.7	6.9	161.2	140.1	4.3	53.5
PERSONS								
1983: August	271.2	330.1	16.3	21.8	351.9	210.4	6.2	62.6
1984: August	265.6	333.9	11.0	15.1	349.0	215.5	4.3	61.8
1985: June	286.5	351.9	9.3	14.5	366.3	205.3	3.9	64.1
July	283.5	346.8	9.2	14.2	361.0	215.4	3.9	62.6
August	284.2	<u>351.9</u>	<u>9.5</u>	<u>13.6</u>	<u>365.5</u>	<u>211.2</u>	<u>3.7</u>	<u>63.4</u>
1986: May (c)	292.6	362.5	11.0	15.1	377.6	195.8	4.0	65.9
June	295.0	371.9	9.9	13.8	385.7	195.0	3.6	66.4
July	290.9	372.4	10.3	13.1	385.5	195.2	3.4	66.4
August	289.3	363.2	11.2	16.1	379.2	204.2	4.2	65.0

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 14: NEWCASTLE STATISTICAL DISTRICT



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

- In August 1986, the number of persons unemployed was 18,200 and the unemployment rate was 9.4 per cent. These estimates were little different to the estimates in May 1986 of 16,400 unemployed persons and an unemployment rate of 8.6 per cent, and to those in August 1985 of 20,000 unemployed persons and an unemployment rate of 10.5 per cent. The number of females unemployed in August 1986 (9,000) represented an apparent increase on the estimate in May 1986 (7,100).
- The number of persons employed in August 1986 was 175,500, which was little different to the estimates in May 1986 of 175,300 persons, and in August 1985 of 169,900 persons.

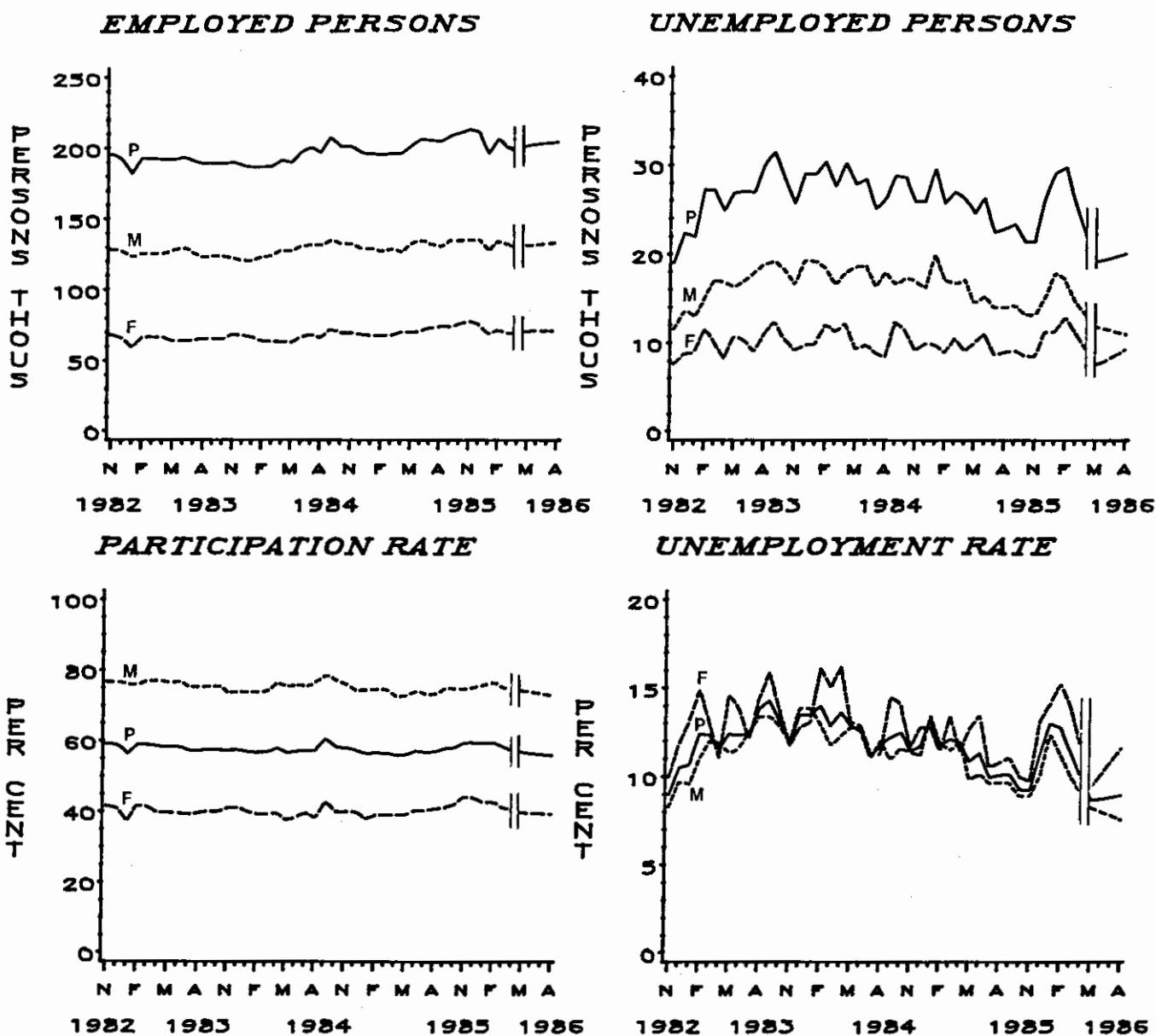
TABLE 21. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
NEWCASTLE STATISTICAL DISTRICT

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	97.5	102.7	15.7	16.9	119.5	40.9	14.1	74.5
1984: August	107.5	111.9	15.5	16.3	128.2	39.6	12.7	76.4
1985: June	110.8	116.0	13.7	13.9	129.9	45.0	10.7	74.3
July	106.3	111.6	12.8	13.1	124.7	45.0	10.5	73.5
August	104.2	108.2	11.7	12.4	120.7	44.8	10.3	72.9
1986: May (c)	106.5	113.2	8.4	9.3	122.5	42.3	7.6	74.3
June	111.3	117.6	10.1	11.1	128.7	43.1	8.6	74.9
July	107.5	112.5	8.4	9.1	121.7	46.0	7.5	72.5
August	109.2	115.1	8.5	9.2	124.2	47.2	7.4	72.5
FEMALES								
1983: August	36.3	57.7	8.8	10.4	68.1	98.7	15.3	40.8
1984: August	37.4	55.0	5.5	7.5	62.6	106.0	12.1	37.1
1985: June	38.1	60.6	8.2	10.1	70.7	104.8	14.3	40.3
July	37.9	62.9	5.6	7.6	70.4	103.5	10.7	40.5
August	37.5	61.6	5.0	7.6	69.2	104.8	11.0	39.8
1986: May (c)	38.5	62.1	5.3	7.1	69.3	103.4	10.3	40.1
June	38.1	61.7	6.4	9.8	71.5	105.3	13.7	40.5
July	35.7	60.7	6.3	8.5	69.2	102.7	12.3	40.2
August	34.9	60.4	7.0	9.0	69.5	109.0	13.0	38.9
PERSONS								
1983: August	133.7	160.4	24.5	27.3	187.6	139.6	14.5	57.3
1984: August	144.9	166.9	21.0	23.9	190.7	145.6	12.5	56.7
1985: June	148.8	176.6	21.9	24.0	200.6	149.8	11.9	57.2
July	144.2	174.5	18.4	20.7	195.2	148.5	10.6	56.8
August	141.7	169.9	16.7	20.0	189.9	149.6	10.5	55.9
1986: May (c)	145.0	175.3	13.7	16.4	191.7	145.7	8.6	56.8
June	149.4	179.3	16.5	20.8	200.2	148.4	10.4	57.4
July	143.2	173.2	14.7	17.6	190.8	148.8	9.2	56.2
August	144.1	175.5	15.5	18.2	193.7	156.1	9.4	55.4

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 15: HUNTER STATISTICAL DIVISION



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

### SUMMARY OF FINDINGS

- In August 1986, the number of unemployed persons was 20,000 and the unemployment rate was 9.0 per cent. These estimates were little different to those in May 1986 of 19,000 unemployed persons and an unemployment rate of 8.6 per cent, and to those in August 1985 of 22,800 unemployed persons and an unemployment rate of 10.1 per cent. The number of females unemployed in August 1986 (9,200) represented an apparent increase on the estimate in May 1986 (7,400).
- In August 1986, the number of employed persons was 203,800, which was little different to the estimates in May 1986 of 202,000 persons and in August 1985 of 203,400 persons.

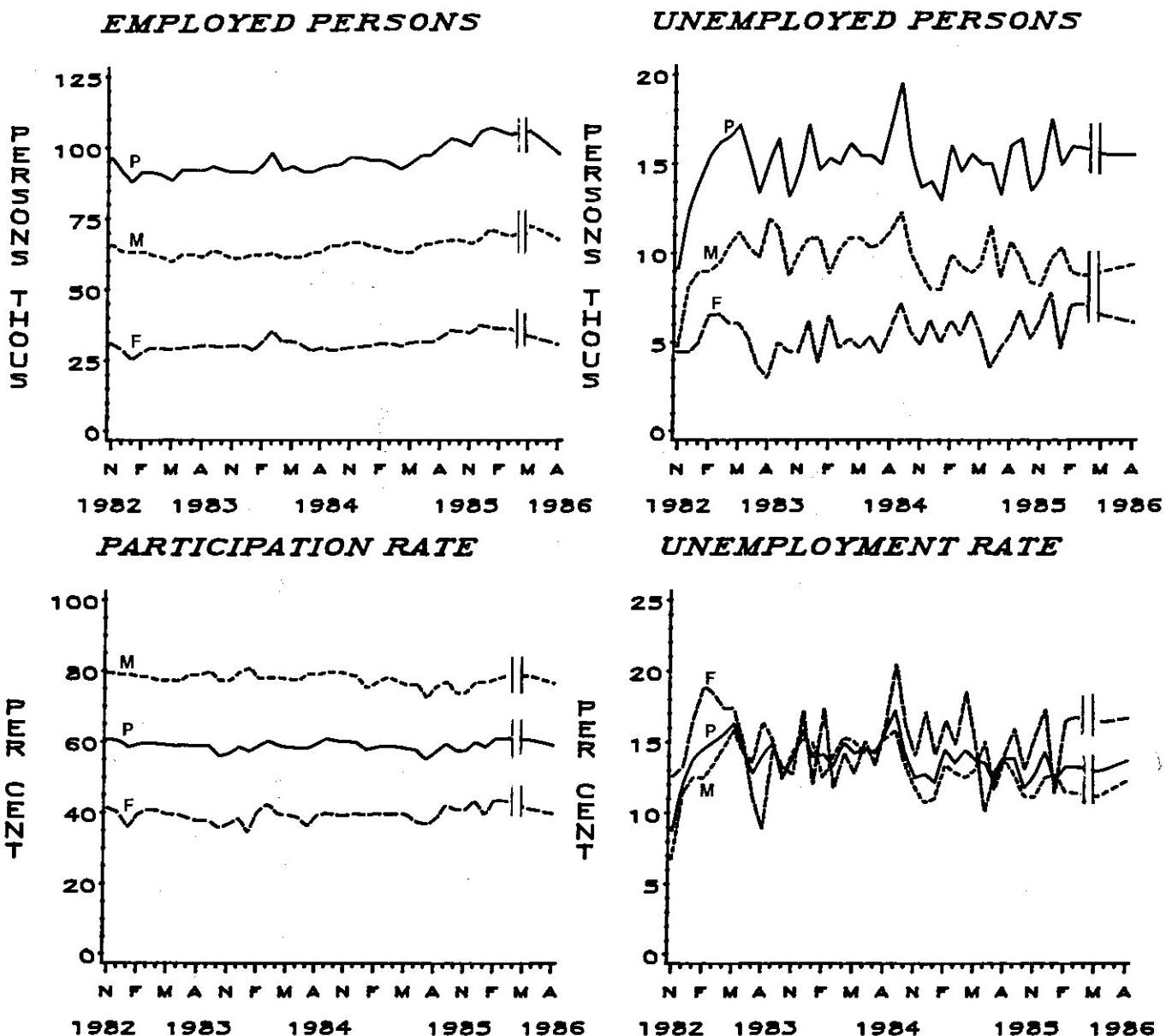
TABLE 22. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
HUNTER STATISTICAL DIVISION

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	115.2	122.2	17.8	18.9	141.1	47.1	13.4	75.0
1984: August	125.1	130.9	17.1	17.9	148.8	45.0	12.0	76.8
1985: June	128.6	135.1	15.0	15.2	150.4	52.8	10.1	74.0
July	124.0	131.1	13.5	13.8	144.9	54.1	9.5	72.8
August	124.5	129.3	13.1	13.9	143.1	52.1	9.7	73.3
1986: May (c)	123.2	130.9	10.8	11.7	142.6	50.6	8.2	73.8
June	127.9	135.3	12.0	13.0	148.3	52.7	8.8	73.8
July	123.5	129.9	10.0	10.7	140.6	54.2	7.6	72.2
August	126.3	133.3	9.9	10.8	144.1	54.6	7.5	72.5
FEMALES								
1983: August	40.9	65.7	9.3	11.0	76.7	116.1	14.4	39.8
1984: August	42.1	64.9	6.2	8.2	73.1	120.3	11.2	37.8
1985: June	43.1	70.8	9.2	11.0	81.8	120.9	13.5	40.3
July	43.8	73.0	6.6	8.5	81.5	121.3	10.5	40.2
August	43.6	74.1	5.7	9.0	83.1	120.4	10.8	40.8
1986: May (c)	42.1	71.0	5.3	7.4	78.4	121.0	9.4	39.3
June	43.2	71.7	6.4	10.2	82.0	123.2	12.5	40.0
July	40.4	70.2	6.3	8.7	78.9	119.3	11.0	39.8
August	40.8	70.4	7.2	9.2	79.7	124.9	11.6	38.9
PERSONS								
1983: August	156.1	187.9	27.0	30.0	217.8	163.3	13.8	57.2
1984: August	167.3	195.7	23.2	26.1	221.9	165.3	11.8	57.3
1985: June	171.7	205.9	24.2	26.2	232.1	173.7	11.3	57.2
July	167.8	204.1	20.1	22.3	226.4	175.4	9.9	56.3
August	168.1	203.4	18.8	22.8	226.2	172.6	10.1	56.7
1986: May (c)	165.3	202.0	16.1	19.0	221.0	171.7	8.6	56.3
June	171.2	207.1	18.4	23.2	230.3	175.9	10.1	56.7
July	163.9	200.1	16.3	19.4	219.5	173.5	8.8	55.9
August	167.0	203.8	17.1	20.0	223.8	179.5	9.0	55.5

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

# DIAGRAM 16: WOLLONGONG STATISTICAL DISTRICT



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

## SUMMARY OF FINDINGS

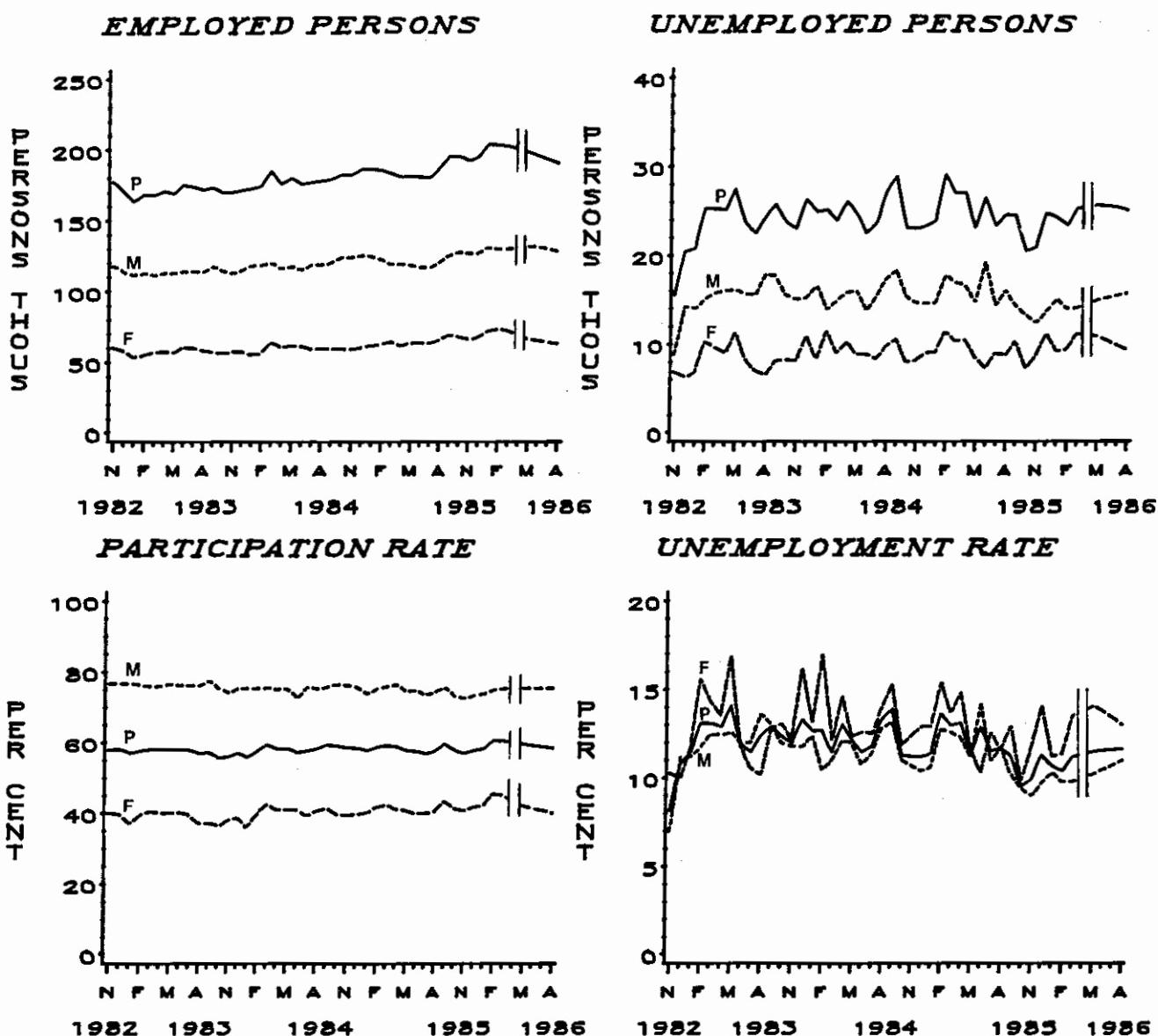
- In August 1986, the number of persons unemployed was 15,400 and the unemployment rate was 13.7 per cent. These estimates were little different to those in May 1986 of 15,400 unemployed persons and an unemployment rate of 12.8 per cent, and to those in August 1985 of 16,000 unemployed persons and an unemployment rate of 13.8 per cent. The Wollongong Statistical District continued to record one of the highest unemployment rates in New South Wales.
- The number of employed persons in August 1986 was 97,000 which represented an apparent decrease from the estimate in May 1986 of 105,300 persons, but was little different to the estimate in August 1985 of 99,900 persons.

TABLE 23. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
WOLLONGONG STATISTICAL DISTRICT

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	57.6	61.0	11.7	11.9	73.0	19.6	16.4	78.9
1984: August	59.2	63.2	10.6	11.3	74.6	20.1	15.2	78.8
1985: June	61.3	65.4	10.7	11.5	76.9	23.9	15.0	76.3
July	61.5	66.0	8.1	8.6	74.5	28.6	11.5	72.3
August	61.9	66.9	9.8	10.6	77.5	25.0	13.7	75.6
1986: May (c)	67.3	72.2	9.0	9.0	81.2	22.0	11.0	78.7
June	66.8	73.5	7.8	8.1	81.6	20.9	9.9	79.6
July	66.5	72.1	10.4	10.4	82.5	23.9	12.6	77.5
August	61.6	66.9	9.0	9.4	76.3	23.8	12.3	76.2
FEMALES								
1983: August	22.0	30.5	2.7	2.9	33.4	55.9	8.8	37.4
1984: August	17.5	29.6	4.3	5.7	35.3	54.7	16.2	39.2
1985: June	19.9	31.4	2.5	3.5	34.9	59.1	10.0	37.1
July	19.6	31.0	4.2	4.6	35.6	62.4	12.9	36.4
August	20.2	32.9	4.7	5.4	38.3	62.5	14.0	38.0
1986: May (c)	20.6	33.0	4.3	6.5	39.5	56.6	16.3	41.1
June	20.6	33.3	5.1	6.7	40.0	55.4	16.6	41.9
July	20.8	34.3	5.1	7.1	41.4	54.9	17.2	43.0
August	20.3	30.1	4.9	6.0	36.1	55.4	16.7	39.5
PERSONS								
1983: August	79.6	91.5	14.4	14.9	106.4	75.4	14.0	58.5
1984: August	76.6	92.9	15.0	17.0	109.9	74.8	15.5	59.5
1985: June	81.2	96.8	13.2	15.0	111.8	83.0	13.4	57.4
July	81.1	97.0	12.3	13.2	110.2	90.9	12.0	54.8
August	82.2	99.9	14.5	16.0	115.8	87.5	13.8	57.0
1986: May (c)	87.9	105.3	13.3	15.4	120.7	78.6	12.8	60.6
June	87.4	106.9	12.9	14.7	121.6	76.3	12.1	61.5
July	87.2	106.4	15.6	17.6	123.9	78.8	14.2	61.1
August	81.9	97.0	14.0	15.4	112.4	79.2	13.7	58.7

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

**DIAGRAM 17: ILLAWARRA AND SOUTH-EASTERN  
STATISTICAL DIVISIONS**



Note: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

**SUMMARY OF FINDINGS**

- In August 1986, the number of persons unemployed was 24,900 and the unemployment rate was 11.6 per cent. These estimates were little different to those in May 1986 of 25,700 unemployed persons and an unemployment rate of 11.5 per cent, and to those in August 1985 of 24,500 unemployed persons and an unemployment rate of 11.6 per cent. This region recorded one of the highest unemployment rates in New South Wales throughout the period from August 1985 to August 1986.
- The number of employed persons in August 1986 was 189,000, which represented an apparent decrease from the estimate in May 1986 of 197,300 persons, but was little different to the estimate in August 1985 of 186,400 persons.

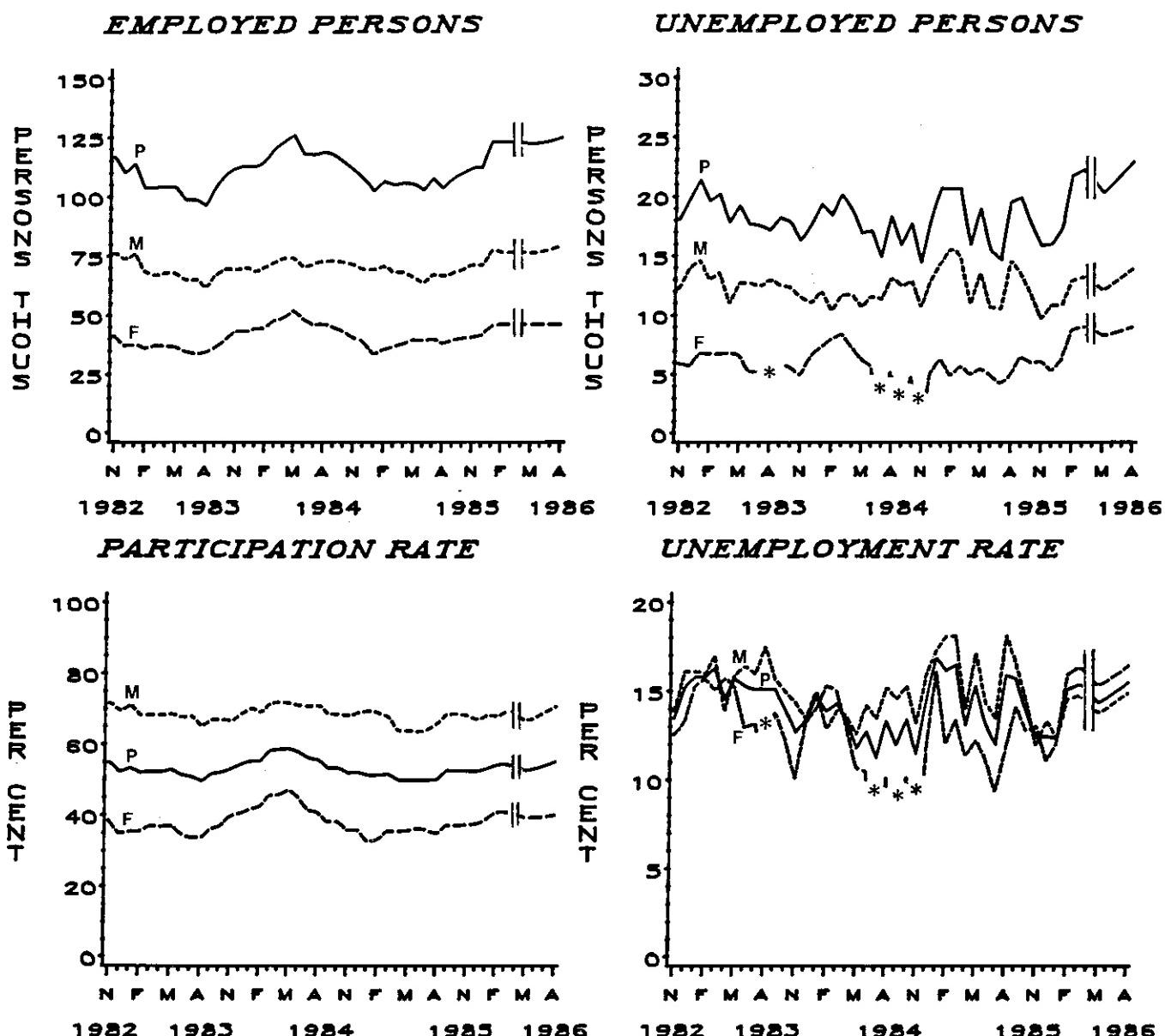
TABLE 24. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
ILLAWARRA AND SOUTH-EASTERN STATISTICAL DIVISIONS

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	104.8	113.5	17.6	17.9	131.4	41.2	13.6	76.1
1984: August	109.0	118.0	16.4	17.4	135.4	45.5	12.8	74.8
1985: June	108.9	116.0	18.1	19.2	135.2	45.5	14.2	74.8
July	109.9	116.6	13.8	14.2	130.8	48.4	10.9	73.0
August	112.4	120.6	15.2	16.0	136.6	46.8	11.7	74.5
1986: May (c)	122.3	131.9	15.0	15.0	146.9	47.8	10.2	75.4
June	123.8	135.5	11.6	11.9	147.4	45.2	8.1	76.5
July	120.2	129.6	15.5	15.7	145.3	48.8	10.8	74.9
August	117.7	127.1	14.5	15.7	142.9	47.0	11.0	75.2
FEMALES								
1983: August	35.9	57.3	6.0	6.4	63.7	108.7	10.1	36.9
1984: August	35.6	59.9	7.5	9.8	69.7	101.7	14.0	40.7
1985: June	39.1	63.4	5.4	7.2	70.6	107.8	10.2	39.6
July	39.7	62.7	7.2	9.0	71.7	107.6	12.5	40.0
August	39.1	65.8	7.4	8.6	74.3	109.1	11.5	40.5
1986: May (c)	39.1	65.4	7.8	10.7	76.1	106.6	14.1	41.7
June	39.8	66.7	6.9	9.5	76.1	106.5	12.4	41.7
July	40.1	66.1	6.2	9.4	75.6	106.9	12.5	41.4
August	38.8	61.9	7.4	9.2	71.1	107.7	12.9	39.8
PERSONS								
1983: August	140.7	170.8	23.6	24.3	195.0	149.9	12.4	56.5
1984: August	144.6	177.9	23.9	27.2	205.1	147.2	13.3	58.2
1985: June	148.1	179.4	23.6	26.4	205.8	153.3	12.8	57.3
July	149.6	179.2	21.0	23.2	202.5	156.0	11.5	56.5
August	151.5	186.4	22.6	24.5	210.9	155.9	11.6	57.5
1986: May (c)	161.5	197.3	22.8	25.7	223.0	154.4	11.5	59.1
June	163.6	202.2	18.6	21.4	223.5	151.7	9.6	59.6
July	160.3	195.7	21.7	25.1	220.9	155.7	11.4	58.6
August	156.5	189.0	21.9	24.9	213.9	154.7	11.6	58.0

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

**DIAGRAM 18: RICHMOND-TWEED AND MID-NORTH COAST  
STATISTICAL DIVISIONS**



**Notes 1:** Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

**2:** An asterisk (\*) indicates that the estimate for the period is subject to sampling variability too high for most practical purposes.

**SUMMARY OF FINDINGS**

- In August 1986, the number of persons unemployed was 22,900 and the unemployment rate was 15.5 per cent. This estimate of 22,900 unemployed persons represented an apparent increase on the May 1986 estimate of 20,200 unemployed persons, and on the August 1985 estimate of 19,500 unemployed persons. However, the August 1986 estimated unemployment rate of 15.5 per cent was little different to the May 1986 estimated unemployment rate of 14.3 per cent, and to the August 1985 estimated unemployment rate of 15.9 per cent. This region continued to record one of the highest unemployment rates in New South Wales.
- The number of employed persons in August 1986 was 125,000, which was little different to the estimate in May 1986 of 121,200 persons, but represented a significant increase on the estimate in August 1985 of 103,100 persons.
- The participation rate in August 1986 was 55.2 per cent compared with a rate of 50.1 per cent in August 1985. The labour force participation rate for this region has continued to be the lowest in New South Wales.

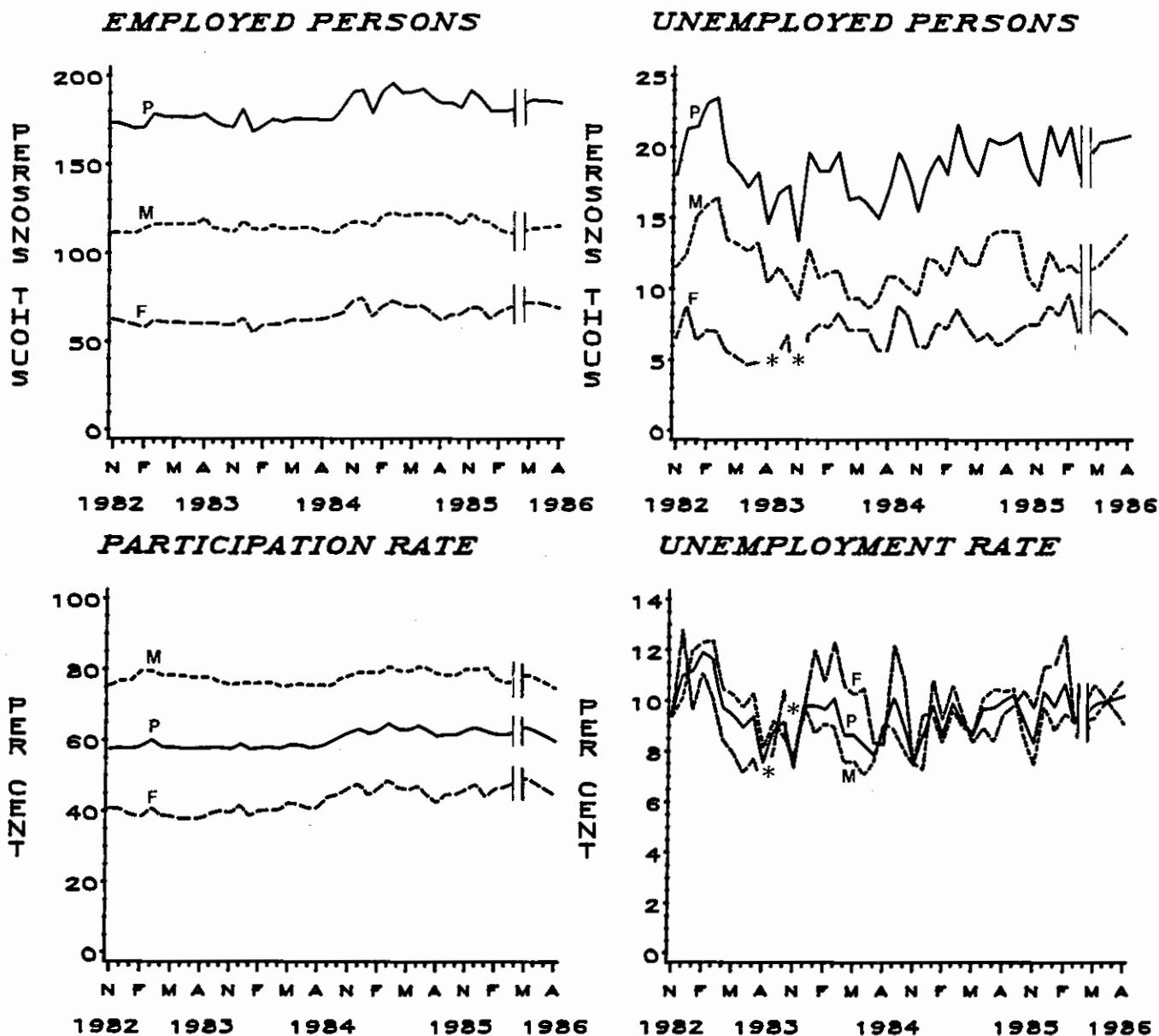
TABLE 25. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
RICHMOND-TWEED AND MID-NORTH COAST STATISTICAL DIVISIONS

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	54.4	61.1	13.0	13.0	74.2	40.0	17.5	65.0
1984: August	66.4	73.0	12.6	13.1	86.1	35.0	15.2	71.1
1985: June	54.5	63.2	10.1	10.6	73.8	42.9	14.3	63.3
July	60.5	67.4	10.0	10.4	77.8	43.1	13.4	64.3
August	58.2	65.7	14.2	14.6	80.3	41.4	18.1	66.0
1986: May (c)	66.7	75.7	11.8	12.0	87.7	44.8	13.7	66.2
June	63.9	72.6	10.4	10.8	83.4	40.6	12.9	67.2
July	70.3	80.4	12.2	12.4	92.8	40.7	13.4	69.5
August	70.1	79.3	13.4	13.9	93.2	38.5	14.9	70.8
FEMALES								
1983: August	19.4	34.4	*	*	38.4	76.3	*	33.5
1984: August	25.0	46.2	*	5.2	51.4	75.6	10.2	40.5
1985: June	24.8	38.9	4.1	4.9	43.7	76.2	11.1	36.5
July	25.5	40.2	*	4.1	44.3	80.8	9.2	35.4
August	22.0	37.4	4.5	4.9	42.3	80.8	11.7	34.4
1986: May (c)	27.7	45.6	7.1	8.2	53.7	84.4	15.2	38.9
June	24.0	41.3	5.6	7.2	48.4	84.0	14.8	36.6
July	24.8	47.5	7.7	9.0	56.5	83.4	15.9	40.4
August	23.9	45.7	6.5	9.0	54.7	81.6	16.4	40.1
PERSONS								
1983: August	73.8	95.6	16.8	17.0	112.6	116.3	15.1	49.2
1984: August	91.4	119.1	16.3	18.3	137.4	110.6	13.3	55.4
1985: June	79.3	102.1	14.2	15.4	117.5	119.0	13.1	49.7
July	86.0	107.6	13.2	14.5	122.1	123.9	11.9	49.6
August	80.2	103.1	18.7	19.5	122.6	122.2	15.9	50.1
1986: May (c)	94.4	121.2	18.9	20.2	141.4	129.1	14.3	52.3
June	87.9	113.9	16.0	17.9	131.8	124.6	13.6	51.4
July	95.1	127.9	19.8	21.4	149.3	124.1	14.4	54.6
August	94.0	125.0	20.0	22.9	147.9	120.1	15.5	55.2

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

**DIAGRAM 19: NORTHERN, NORTH-WESTERN AND  
CENTRAL WEST STATISTICAL DIVISIONS**



Notes 1: Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

2: An asterisk (\*) indicates that the estimate for the period is subject to sampling variability too high for most practical purposes.

**SUMMARY OF FINDINGS**

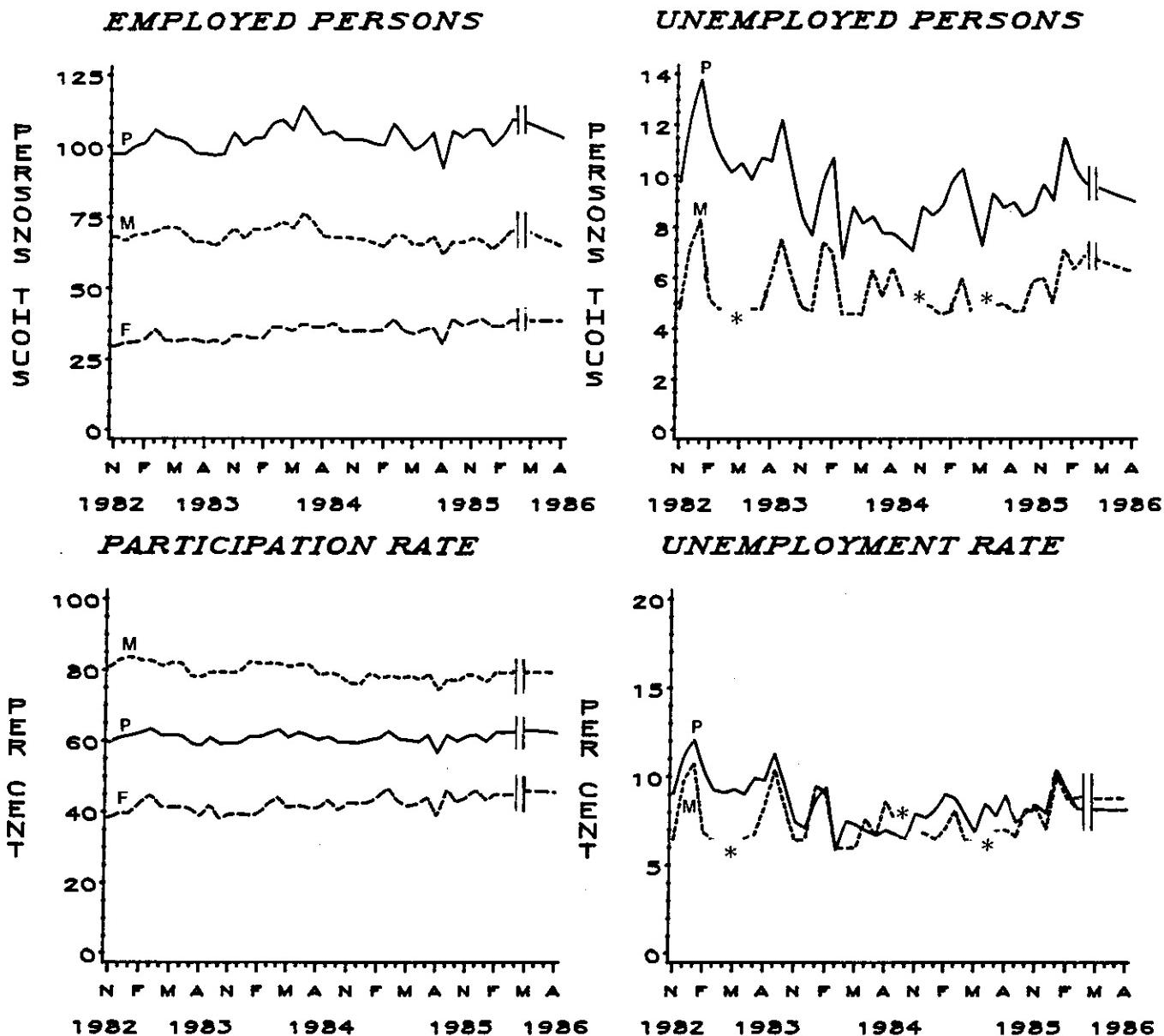
- In August 1986, the number of persons unemployed was 20,800 and the unemployment rate was 10.2 per cent. These estimates were little different to those in May 1986 of 20,300 unemployed persons and an unemployment rate of 9.8 per cent, and to those in August 1985 of 20,400 unemployed persons and an unemployment rate of 10.0 per cent.
- The number of employed persons in August 1986 was 183,500, which was little different to the estimate in May 1986 of 186,100 persons, and in August 1985 of 183,500 persons.

TABLE 26. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
NORTHERN, NORTH-WESTERN AND CENTRAL WEST STATISTICAL DIVISIONS

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	111.5	119.1	10.4	10.4	129.6	37.5	8.1	77.5
1984: August	105.1	111.0	10.8	11.0	122.1	39.4	9.1	75.6
1985: June	114.1	122.3	13.5	13.7	136.0	32.1	10.1	80.9
July	114.0	121.0	13.9	14.1	135.2	33.9	10.5	80.0
August	112.0	121.8	13.8	14.0	135.8	37.4	10.3	78.4
1986: May (c)	104.3	113.5	11.1	11.7	125.2	34.2	9.3	78.5
June	109.1	117.4	8.7	9.9	127.3	39.1	7.8	76.5
July	108.0	116.1	13.5	14.4	130.5	38.9	11.0	77.1
August	108.7	115.3	13.4	14.1	129.4	44.6	10.9	74.4
FEMALES								
1983: August	35.6	59.5	*	*	63.6	103.7	*	38.0
1984: August	36.7	62.7	4.7	5.6	68.3	96.9	8.2	41.3
1985: June	42.1	70.2	*	6.9	77.1	86.0	8.9	47.3
July	38.9	65.8	*	6.0	71.8	90.0	8.3	44.4
August	36.6	61.7	5.5	6.4	68.2	93.5	9.5	42.2
1986: May (c)	43.4	72.6	6.4	8.6	81.2	83.0	10.6	49.5
June	40.3	69.7	6.0	6.8	76.5	88.7	8.9	46.3
July	46.2	73.5	5.5	7.2	80.7	87.8	8.9	47.9
August	38.8	68.2	4.7	6.8	75.0	94.9	9.0	44.1
PERSONS								
1983: August	147.0	178.6	13.0	14.5	193.1	141.3	7.5	57.8
1984: August	141.8	173.7	15.5	16.7	190.4	136.3	8.8	58.3
1985: June	156.2	192.6	17.4	20.6	213.2	118.1	9.7	64.3
July	152.9	186.8	17.8	20.1	206.9	123.9	9.7	62.6
August	148.6	183.5	19.3	20.4	203.9	130.9	10.0	60.9
1986: May (c)	147.6	186.1	17.4	20.3	206.4	117.2	9.8	63.8
June	149.4	187.0	14.7	16.8	203.8	127.8	8.2	61.5
July	154.2	189.6	19.0	21.6	211.2	126.7	10.2	62.5
August	147.5	183.5	18.1	20.8	204.4	139.5	10.2	59.4

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

## DIAGRAM 20: MURRAY AND MURRUMBIDGEE STATISTICAL DIVISIONS



**Notes 1:** Estimates following the break in lines are based on the revised definition of employed persons. See Explanatory Note 6.

**2:** An asterisk (\*) indicates that the estimate for the period is subject to sampling variability too high for most practical purposes.

### SUMMARY OF FINDINGS

- In August 1986, the number of persons unemployed was 8,900 and the unemployment rate was 8.0 per cent. These estimates were little different to those in May 1986 of 9,300 unemployed persons and an unemployment rate of 8.0 per cent, and to those in August 1985 of 9,000 unemployed persons and an unemployment rate of 8.9 per cent. In most months, this region recorded the lowest unemployment rate outside the Sydney Statistical Division.
- The number of employed persons in August 1986 was 102,100, which was little different to the estimate in May 1986 of 106,800 persons, but represented an apparent increase on the estimate in August 1985 of 91,400 persons.

TABLE 27. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,  
MURRAY AND MURRUMBIDGEE STATISTICAL DIVISIONS

Month	Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (a) (per cent)	Participation rate (b) (per cent)
	Full-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)				
MALES								
1983: August	63.0	66.4	5.7	6.0	72.4	20.7	8.3	77.8
1984: August	64.2	67.9	6.2	6.4	74.3	20.6	8.6	78.3
1985: June	62.4	65.0	*	4.9	69.9	20.9	7.0	77.0
July	65.2	68.3	4.5	5.0	73.3	19.5	6.8	79.0
August	58.5	<u>61.5</u>	<u>4.6</u>	<u>4.6</u>	<u>66.2</u>	<u>23.0</u>	<u>7.0</u>	<u>74.2</u>
1986: May (c)	64.1	68.7	6.5	6.5	75.3	19.4	8.7	79.5
June	63.7	67.7	4.9	5.2	72.9	19.8	7.1	78.6
July	61.1	65.3	5.7	5.9	71.2	17.9	8.3	79.9
August	59.3	64.0	6.0	6.2	70.2	18.9	8.8	78.8
FEMALES								
1983: August	15.2	30.4	*	4.5	34.9	55.8	12.8	38.5
1984: August	21.3	35.8	*	*	37.1	53.8	*	40.8
1985: June	21.3	35.5	*	*	39.9	54.5	*	42.3
July	22.9	36.2	*	*	39.9	50.7	*	44.0
August	18.8	<u>29.9</u>	*	*	<u>34.2</u>	<u>55.0</u>	*	<u>38.4</u>
1986: May (c)	20.0	38.0	*	*	40.8	47.8	*	46.1
June	21.1	37.4	*	*	41.7	48.0	*	46.5
July	22.8	38.5	*	*	42.3	46.2	*	47.8
August	22.6	38.1	*	*	40.8	49.5	*	45.2
PERSONS								
1983: August	78.3	96.8	9.8	10.5	107.3	76.4	9.7	58.4
1984: August	85.5	103.7	7.1	7.7	111.4	74.4	7.0	60.0
1985: June	83.7	100.5	6.9	9.3	109.9	75.4	8.5	59.3
July	88.1	104.5	6.4	8.7	113.2	70.2	7.7	61.7
August	77.3	<u>91.4</u>	<u>6.9</u>	<u>9.0</u>	<u>100.4</u>	<u>78.0</u>	<u>8.9</u>	<u>56.3</u>
1986: May (c)	84.1	106.8	8.2	9.3	116.1	67.3	8.0	63.3
June	84.8	105.1	7.2	9.5	114.6	67.8	8.3	62.8
July	84.0	103.8	7.9	9.7	113.5	64.0	8.5	63.9
August	81.9	102.1	7.8	8.9	111.0	68.4	8.0	61.9

(a) The number of unemployed in each group as a percentage of the labour force in the same group.  
(b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) Estimates from May 1986 are based on the revised definition of employed persons. See Explanatory Note 6.

56 TABLE 28. EMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, CENTRAL SYDNEY, INNER WESTERN SYDNEY AND SOUTHERN SYDNEY SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)			
	Persons		Males Number ('000)	Females Number ('000)	Persons	
	Number ('000)	Proportion (per cent)			Number ('000)	Proportion (per cent)
<b>Marital status -</b>						
Married	315.8	54.0	195.0	129.6	324.7	56.0
Not married	268.8	46.0	142.7	112.9	255.6	44.0
<b>Age (years) -</b>						
15-19	41.7	7.1	19.0	18.3	37.3	6.4
20-24	86.8	14.8	42.7	43.2	85.9	14.8
25-34	161.6	27.6	91.9	69.7	161.6	27.8
35-44	137.4	23.5	82.3	55.8	138.1	23.8
45-54	94.8	16.2	57.1	38.0	95.1	16.4
55-59	34.3	5.9	26.5	10.6	37.0	6.4
60-64	19.5	3.3	13.8	5.6	19.4	3.3
65 and over	8.5	1.5	4.4	*	5.9	1.0
<b>Birthplace -</b>						
Australia	362.1	62.0	205.7	160.8	366.5	63.2
Main English speaking countries (b)	72.6	12.4	36.0	25.6	61.5	10.6
Other countries	149.8	25.6	96.0	56.2	152.2	26.2
<b>Full-time and part-time status -</b>						
Full-time	501.8	85.8	317.4	171.0	488.3	84.2
Part-time	82.8	14.2	20.4	71.6	91.9	15.8
<b>Status of worker (c) -</b>						
Wage and salary earners	514.6	88.0	289.6	223.9	513.5	88.5
Employers and self-employed	69.1	11.8	47.3	16.9	64.2	11.1
<b>Industry division -</b>						
Agriculture, forestry, fishing and hunting	*	*	*	*	*	*
Manufacturing	109.0	18.7	79.1	40.4	119.5	20.6
Construction	38.4	6.6	24.0	*	25.5	4.4
Wholesale and retail trade	114.0	19.5	62.6	49.8	112.4	19.4
Transport and storage	45.7	7.8	36.0	11.1	47.1	8.1
Finance, etc.	83.7	14.3	38.9	42.5	81.4	14.0
Community services (d)	89.2	15.3	34.9	59.9	94.8	16.3
Other industries (e)	103.2	17.7	61.5	37.3	98.8	17.0
<b>Major occupation group (f) -</b>						
Managers and administrators	..	..	37.6	8.4	46.0	7.9
Professionals	..	..	46.6	32.8	79.4	13.7
Para-professionals	..	..	18.7	16.6	35.4	6.1
Tradespersons	..	..	86.6	9.6	96.2	16.6
Clerks	..	..	33.3	88.7	122.0	21.0
Salespersons and personal service workers	..	..	27.8	48.1	75.9	13.1
Plant and machine operators, and drivers	..	..	35.2	9.8	45.0	7.8
Labourers and related workers	..	..	51.9	28.6	80.5	13.9
<b>Total employed</b>	<b>584.6</b>	<b>100.0</b>	<b>337.7</b>	<b>242.5</b>	<b>580.3</b>	<b>100.0</b>

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand.

(c) Excludes unpaid family helpers. (d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (e) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal and Other Services.

(f) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

TABLE 29. EMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, WESTERN SYDNEY  
AND SOUTH WESTERN SYDNEY SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)			
	Persons		Males	Females	Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Number ('000)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>						
Married	326.7	66.6	221.7	135.3	357.1	68.2
Not married	163.5	33.4	94.4	72.4	166.8	31.8
<b>Age (years) -</b>						
15-19	45.2	9.2	26.3	26.1	52.4	10.0
20-24	67.4	13.7	34.0	30.6	64.6	12.3
25-34	140.3	28.6	85.8	56.8	142.7	27.2
35-44	124.5	25.4	90.9	56.3	147.2	28.1
45-54	76.3	15.6	49.2	27.0	76.2	14.5
55-59	26.8	5.5	21.0	7.8	28.8	5.5
60-64	6.7	1.4	7.8	*	9.9	1.9
65 and over	*	*	*	*	*	*
<b>Birthplace -</b>						
Australia	330.4	67.4	207.6	145.1	352.7	67.3
Main English speaking countries (b)	56.8	11.6	39.9	23.6	63.5	12.1
Other countries	103.0	21.0	68.6	39.0	107.7	20.6
<b>Full-time and part-time status -</b>						
Full-time	413.1	84.3	300.6	131.7	432.3	82.5
Part-time	77.1	15.7	15.6	76.0	91.6	17.5
<b>Status of worker (c) -</b>						
Wage and salary earners	434.1	88.6	278.7	191.5	470.2	89.8
Employers and self-employed	53.7	10.9	36.1	14.1	50.2	9.6
<b>Industry division -</b>						
Agriculture, forestry, fishing and hunting	8.2	1.7	5.5	3.9	9.5	1.8
Manufacturing	108.2	22.1	88.7	34.9	123.6	23.6
Construction	36.0	7.3	38.5	6.8	45.3	8.6
Wholesale and retail trade	103.0	21.0	67.0	54.7	121.7	23.2
Transport and storage	33.7	6.9	19.4	3.6	23.0	4.4
Finance, etc.	51.5	10.5	21.2	25.8	47.0	9.0
Community services (d)	77.6	15.8	29.9	54.9	84.8	16.2
Other industries (e)	72.0	14.7	46.0	23.1	69.0	13.2
<b>Major occupation group (f) -</b>						
Managers and administrators	..	..	35.7	6.0	41.6	7.9
Professionals	..	..	29.8	18.2	48.0	9.2
Para-professionals	..	..	21.8	14.7	36.5	7.0
Tradespersons	..	..	89.2	8.2	97.5	18.6
Clerks	..	..	22.5	81.9	104.4	19.9
Salespersons and personal service workers	..	..	25.8	40.9	66.7	12.7
Plant and machine operators, and drivers	..	..	35.9	5.7	41.7	8.0
Labourers and related workers	..	..	55.5	32.1	87.6	16.7
<b>Total employed</b>	<b>490.2</b>	<b>100.0</b>	<b>316.2</b>	<b>207.7</b>	<b>523.9</b>	<b>100.0</b>

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand.

(c) Excludes unpaid family helpers. (d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (e) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal and Other Services.

(f) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

TABLE 30. EMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, NORTHERN SYDNEY AND GOSFORD-WYONG SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)			
	Persons		Males	Females	Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Number ('000)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>						
Married	243.6	59.1	153.9	96.8	250.6	59.0
Not married	168.2	40.9	96.5	77.9	174.4	41.0
<b>Age (years) -</b>						
15-19	32.9	8.0	18.7	16.1	34.8	8.2
20-24	56.8	13.8	31.9	29.2	61.0	14.4
25-34	104.0	25.2	69.4	44.3	113.7	26.8
35-44	103.6	25.2	55.6	43.1	98.7	23.2
45-54	66.0	16.0	46.4	30.1	76.5	18.0
55-59	25.8	6.3	14.8	7.1	21.9	5.1
60-64	16.3	4.0	10.0	*	12.6	3.0
65 and over	6.5	1.6	3.7	*	5.9	1.4
<b>Birthplace -</b>						
Australia	304.5	73.9	183.9	126.3	310.1	73.0
Main English speaking countries (b)	56.6	13.7	36.0	25.6	61.6	14.5
Other countries	50.7	12.3	30.6	22.8	53.4	12.6
<b>Full-time and part-time status -</b>						
Full-time	330.8	80.3	230.0	111.4	341.4	80.3
Part-time	81.0	19.7	20.4	63.2	83.6	19.7
<b>Status of worker (c) -</b>						
Wage and salary earners	358.7	87.1	212.1	159.1	371.2	87.3
Employers and self-employed	51.8	12.6	37.5	14.0	51.5	12.1
<b>Industry division -</b>						
Agriculture, forestry, fishing and hunting	4.6	1.1	*	*	*	*
Manufacturing	44.0	10.7	36.0	14.1	50.1	11.8
Construction	28.6	6.9	25.4	4.4	29.8	7.0
Wholesale and retail trade	89.8	21.8	56.0	41.5	97.5	22.9
Transport and storage	17.1	4.1	17.9	4.8	22.7	5.3
Finance, etc.	82.6	20.1	43.6	32.6	76.2	17.9
Community services (d)	76.8	18.6	29.5	47.6	77.1	18.1
Other industries (e)	68.3	16.6	40.6	28.1	68.7	16.2
<b>Major occupation group (f) -</b>						
Managers and administrators	..	..	40.8	10.4	51.2	12.0
Professionals	..	..	56.1	25.6	81.7	19.2
Para-professionals	..	..	13.3	12.4	25.7	6.0
Tradespersons	..	..	49.7	4.3	54.0	12.7
Clerks	..	..	19.6	69.4	89.0	20.9
Salespersons and personal service workers	..	..	26.1	38.3	64.4	15.2
Plant and machine operators, and drivers	..	..	13.2	*	15.0	3.5
Labourers and related workers	..	..	31.6	12.5	44.1	10.4
<b>Total employed</b>	<b>411.8</b>	<b>100.0</b>	<b>250.4</b>	<b>174.6</b>	<b>425.0</b>	<b>100.0</b>

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand.

(c) Excludes unpaid family helpers. (d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (e) Comprises Mining, Electricity, Gas and Water,

Communication, Public Administration and Defence, and Recreation, Personal and Other Services.

(f) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

TABLE 31. EMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, HUNTER, ILLAWARRA, RICHMOND-TWEED,  
MID-NORTH COAST AND SOUTH-EASTERN STATISTICAL DIVISIONS

Characteristics	August 1985		August 1986 (a)			
	Persons		Males Number ('000)	Females Number ('000)	Persons	
	Number ('000)	Proportion (per cent)			Number ('000)	Proportion (per cent)
<b>Marital status -</b>						
Married	328.7	66.7	233.4	111.8	345.2	66.7
Not married	164.2	33.3	106.4	66.2	172.6	33.3
<b>Age (years) -</b>						
15-19	45.7	9.3	23.6	19.4	43.0	8.3
20-24	70.9	14.4	43.3	27.0	70.3	13.6
25-34	122.3	24.8	92.9	47.3	140.2	27.1
35-44	130.7	26.5	85.3	45.6	130.9	25.3
45-54	80.5	16.3	55.1	27.1	82.1	15.9
55-59	28.9	5.9	21.7	7.0	28.8	5.6
60-64	10.6	2.1	11.7	*	14.6	2.8
65 and over	3.4	0.7	6.2	*	7.9	1.5
<b>Birthplace -</b>						
Australia	422.0	85.6	285.3	151.3	436.6	84.3
Main English speaking countries (b)	35.4	7.2	22.0	14.6	36.6	7.1
Other countries	35.4	7.2	32.5	12.1	44.7	8.6
<b>Full-time and part-time status -</b>						
Full-time	399.9	81.1	314.1	103.5	417.5	80.6
Part-time	93.0	18.9	25.7	74.6	100.3	19.4
<b>Status of worker (c) -</b>						
Wage and salary earners	404.7	82.1	268.6	146.9	415.5	80.2
Employers and self-employed	85.1	17.3	67.7	27.6	95.3	18.4
<b>Industry division -</b>						
Agriculture, forestry, fishing and hunting	33.5	6.8	25.8	8.4	34.2	6.6
Manufacturing	88.0	17.9	75.3	16.2	91.5	17.7
Construction	34.9	7.1	38.5	5.3	43.8	8.5
Wholesale and retail trade	98.9	20.1	62.0	48.0	110.1	21.3
Transport and storage	30.0	6.1	26.4	3.9	30.4	5.9
Finance, etc.	35.0	7.1	18.1	16.5	34.6	6.7
Community services (d)	76.3	15.5	29.5	44.9	74.4	14.4
Other industries (e)	96.4	19.6	64.1	34.7	98.8	19.1
<b>Major occupation group (f) -</b>						
Managers and administrators	..	..	47.8	15.0	62.8	12.1
Professionals	..	..	31.1	17.4	48.5	9.4
Para-professionals	..	..	17.8	12.2	30.0	5.8
Tradespersons	..	..	90.1	7.6	97.7	18.9
Clerks	..	..	17.2	48.6	65.8	12.7
Salespersons and personal service workers	..	..	24.0	44.3	68.3	13.2
Plant and machine operators, and drivers	..	..	40.3	6.7	47.1	9.1
Labourers and related workers	..	..	71.4	26.1	97.6	18.8
<b>Total employed</b>	<b>492.9</b>	<b>100.0</b>	<b>339.8</b>	<b>178.0</b>	<b>517.8</b>	<b>100.0</b>

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand.

(c) Excludes unpaid family helpers. (d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (e) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal and Other Services.

(f) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

60 TABLE 32. EMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, NORTHERN, NORTH-WESTERN, CENTRAL WEST,  
MURRAY AND MURRUMBIDGEE STATISTICAL DIVISIONS

Characteristics	August 1985		August 1986 (a)			
	Persons		Males	Females	Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Number ('000)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>						
Married	180.9	65.8	131.4	75.8	207.2	72.5
Not married	94.0	34.2	48.0	30.5	78.4	27.5
<b>Age (years) -</b>						
15-19	26.0	9.5	13.3	11.7	25.0	8.8
20-24	34.4	12.5	19.7	13.6	33.3	11.7
25-34	76.4	27.8	48.8	25.6	74.4	26.0
35-44	61.8	22.5	40.0	29.3	69.3	24.3
45-54	44.8	16.3	32.2	17.3	49.5	17.3
55-59	14.8	5.4	13.3	5.3	18.6	6.5
60-64	8.8	3.2	6.7	*	8.9	3.1
65 and over	8.0	2.9	5.2	*	6.5	2.3
<b>Birthplace -</b>						
Australia	257.7	93.8	169.6	101.1	270.7	94.8
Main English speaking countries (b)	9.4	3.4	5.3	*	8.2	2.9
Other countries	7.7	2.8	4.5	*	6.7	2.4
<b>Full-time and part-time status -</b>						
Full-time	225.9	82.2	168.0	61.4	229.4	80.3
Part-time	49.0	17.8	11.3	44.9	56.2	19.7
<b>Status of worker (c) -</b>						
Wage and salary earners	194.3	70.7	116.6	76.0	192.6	67.4
Employers and self-employed	78.3	28.5	59.8	27.7	87.4	30.6
<b>Industry division -</b>						
Agriculture, forestry, fishing and hunting	62.5	22.7	44.7	16.1	60.8	21.3
Manufacturing	21.6	7.9	18.7	5.8	24.4	8.6
Construction	17.6	6.4	14.6	*	16.8	5.9
Wholesale and retail trade	52.4	19.0	28.7	19.2	48.0	16.8
Transport and storage	18.2	6.6	17.4	*	19.8	6.9
Finance, etc.	12.7	4.6	11.6	12.2	23.8	8.3
Community services (d)	39.0	14.2	17.2	31.0	48.2	16.9
Other industries (e)	51.0	18.5	26.4	17.4	43.8	15.3
<b>Major occupation group (f) -</b>						
Managers and administrators	..	..	41.7	16.1	57.8	20.2
Professionals	..	..	16.2	13.6	29.8	10.4
Para-professionals	..	..	7.9	4.4	12.3	4.3
Tradespersons	..	..	36.4	5.5	41.9	14.7
Clerks	..	..	7.1	26.6	33.6	11.8
Salespersons and personal service workers	..	..	12.3	22.1	34.4	12.0
Plant and machine operators, and drivers	..	..	22.4	*	23.7	8.3
Labourers and related workers	..	..	35.4	16.7	52.1	18.2
<b>Total employed</b>	<b>274.9</b>	<b>100.0</b>	<b>179.3</b>	<b>106.3</b>	<b>285.6</b>	<b>100.0</b>

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) Comprises United Kingdom, Ireland, United States of America, Canada, South Africa and New Zealand.

(c) Excludes unpaid family helpers. (d) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (e) Comprises Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal and Other Services.

(f) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10.

TABLE 33. UNEMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, CENTRAL SYDNEY, INNER WESTERN SYDNEY AND SOUTHERN SYDNEY SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)	
	Persons		Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>				
Married	15.5	33.4	17.1	38.7
Not married	30.8	66.6	27.1	61.3
<b>Age (years) -</b>				
15-24	15.9	34.3	16.9	38.2
25-34	14.3	30.9	11.6	26.4
35-44	6.9	14.8	7.4	16.7
45 and over	9.2	19.9	8.3	18.7
<b>Birthplace -</b>				
Australia	22.7	49.2	21.7	49.1
Main English speaking countries (b)	*	*	*	*
Other countries	19.8	42.8	19.4	43.9
<b>Full-time and part-time status -</b>				
Looking for full-time work	40.5	87.6	38.5	87.1
Looking for part-time work	5.7	12.4	5.7	12.9
<b>Duration of unemployment (weeks) -</b>				
Under 13	13.6	29.5	12.4	28.1
13 and under 39	13.0	28.1	13.5	30.5
39 and under 104	9.7	21.0	8.9	20.1
104 and over	9.9	21.4	9.4	21.3
Had worked for 2 weeks or more in a full-time job in the last 2 years	23.1	49.8	22.7	51.3
<b>Industry division -</b>				
Manufacturing	7.7	16.7	6.3	14.2
Wholesale and retail trade	5.0	10.9	3.9	8.9
Other industries (c)	10.3	22.3	12.4	28.1
<b>Major occupation group (d) -</b>				
Managers and administrators, professionals para-professionals and clerks	..	..	8.1	18.3
Tradespersons, labourers and related workers	..	..	6.9	15.6
Other occupations (e)	..	..	7.6	17.3
Looking for first job	4.9	10.5	4.7	10.7
Had not worked full-time for 2 weeks or more in the last 2 years but had at some time in the past	18.4	39.7	16.8	38.0
Stood down (f)	*	*	*	*
Total, unemployed - males	28.7	62.1	26.2	59.3
- females	17.5	37.9	18.0	40.7
- persons	46.3	100.0	44.2	100.0

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) See footnote (b), Table 32. (c) Comprises Agriculture, Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Construction, Transport and Storage, Communication, Finance, Property and Business Services, Public Administration and Defence, Community Services, and Recreation, Personal and Other Services. (d) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10. (e) Comprises Salespersons and Personal Service Workers, and Plant and Machine Operators, and Drivers. (f) See Explanatory Note 8 (c) ii.

TABLE 34. UNEMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, WESTERN SYDNEY  
AND SOUTH WESTERN SYDNEY SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)	
	Persons ('000)	Proportion (per cent)	Persons ('000)	Proportion (per cent)
Marital status -				
Married	25.1	48.6	20.4	44.3
Not married	26.6	51.4	25.7	55.7
Age (years) -				
15-24	21.2	41.0	18.8	40.8
25-34	12.1	23.4	9.3	20.2
35-44	8.4	16.3	9.9	21.6
45 and over	10.0	19.3	8.0	17.4
Birthplace -				
Australia	32.5	62.8	28.5	61.9
Main English speaking countries (b)	3.9	7.6	4.0	8.8
Other countries	15.3	29.6	13.5	29.3
Full-time and part-time status -				
Looking for full-time work	44.9	86.8	38.0	82.6
Looking for part-time work	6.8	13.2	8.0	17.4
Duration of unemployment (weeks) -				
Under 13	14.5	28.1	17.0	36.9
13 and under 39	13.6	26.4	11.9	25.7
39 and under 104	10.1	19.5	9.3	20.3
104 and over	13.5	26.1	7.8	17.0
Had worked for 2 weeks or more in a full-time job in the last 2 years	23.9	46.2	24.0	52.0
Industry division -				
Manufacturing	6.9	13.3	6.3	13.8
Wholesale and retail trade	5.7	11.1	5.9	12.8
Other industries (c)	11.3	21.8	11.7	25.5
Major occupation group (d) -				
Managers and administrators, professionals para-professionals and clerks	..	..	4.8	10.4
Tradespersons, labourers and related workers	..	..	12.0	26.0
Other occupations (e)	..	..	7.2	15.7
Looking for first job	7.2	13.8	6.6	14.4
Had not worked full-time for 2 weeks or more in the last 2 years but had at some time in the past	20.4	39.5	15.2	33.1
Stood down (f)	*	*	*	*
Total, unemployed - males	33.7	65.2	25.1	54.5
- females	18.0	34.8	20.9	45.5
- persons	51.7	100.0	46.0	100.0

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) See footnote (b), Table 32. (c) Comprises Agriculture, Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Construction, Transport and Storage, Communication, Finance, Property and Business Services, Public Administration and Defence, Community Services, and Recreation, Personal and Other Services. (d) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10. (e) Comprises Salespersons and Personal Service Workers, and Plant and Machine Operators, and Drivers. (f) See Explanatory Note 8 (c) ii.

TABLE 35. UNEMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, NORTHERN SYDNEY  
AND GOSFORD-WYONG SUBDIVISIONS

Characteristics	August 1985		August 1986 (a)	
	Persons		Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>				
Married	8.7	37.6	8.1	30.8
Not married	14.4	62.4	18.1	69.2
<b>Age (years) -</b>				
15-24	10.3	44.6	12.2	46.5
25-34	6.8	29.5	6.5	24.8
35-44	*	*	5.4	20.5
45 and over	*	*	*	*
<b>Birthplace -</b>				
Australia	17.7	76.8	19.3	73.7
Main English speaking countries (b)	*	*	*	*
Other countries	*	*	3.7	13.9
<b>Full-time and part-time status -</b>				
Looking for full-time work	17.8	77.3	20.1	76.6
Looking for part-time work	5.2	22.7	6.1	23.4
<b>Duration of unemployment (weeks) -</b>				
Under 13	9.2	39.9	12.6	48.1
13 and under 39	7.0	30.3	8.0	30.4
39 and under 104	*	*	*	*
104 and over	*	*	*	*
Had worked for 2 weeks or more in a full-time job in the last 2 years	12.0	52.2	15.4	58.5
<b>Industry division -</b>				
Manufacturing	*	*	*	*
Wholesale and retail trade	*	*	4.2	15.9
Other industries (c)	6.4	27.7	8.7	33.2
<b>Major occupation group (d) -</b>				
Managers and administrators, professionals	..	..	5.1	19.4
para-professionals and clerks	..	..	*	*
Tradespersons, labourers and related workers	..	..	6.6	25.3
Other occupations (e)	..	..	*	*
Looking for first job	3.9	16.8	*	*
Had not worked full-time for 2 weeks or more in the last 2 years but had at some time in the past	6.2	27.1	8.1	30.8
Stood down (f)	*	*	*	*
Total, unemployed - males	11.7	50.8	15.2	57.9
- females	11.3	49.2	11.0	42.1
- persons	23.1	100.0	26.2	100.0

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) See footnote (b), Table 32. (c) Comprises Agriculture, Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Construction, Transport and Storage, Communication, Finance, Property and Business Services, Public Administration and Defence, Community Services, and Recreation, Personal and Other Services. (d) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10. (e) Comprises Salespersons and Personal Service Workers, and Plant and Machine Operators, and Drivers. (f) See Explanatory Note 8 (c) ii.

TABLE 36. UNEMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, HUNTER, ILLAWARRA,  
RICHMOND-TWEED, MID-NORTH COAST AND SOUTH-EASTERN STATISTICAL DIVISIONS

Characteristics	August 1985		August 1986 (a)	
	Persons		Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Proportion (per cent)
<b>Marital status -</b>				
Married	23.3	34.9	27.1	40.0
Not married	43.5	65.1	40.7	60.0
<b>Age (years) -</b>				
15-24	30.3	45.3	30.3	44.6
25-34	18.3	27.4	14.9	21.9
35-44	7.0	10.5	9.2	13.6
45 and over	11.3	16.8	13.4	19.8
<b>Birthplace -</b>				
Australia	54.4	81.3	56.9	83.9
Main English speaking countries (b)	7.6	11.4	5.6	8.3
Other countries	4.9	7.3	5.3	7.8
<b>Full-time and part-time status -</b>				
Looking for full-time work	60.2	90.0	58.9	86.8
Looking for part-time work	6.7	10.0	8.9	13.2
<b>Duration of unemployment (weeks) -</b>				
Under 13	17.3	25.9	16.5	24.3
13 and under 39	18.4	27.5	22.7	33.5
39 and under 104	14.3	21.4	11.5	17.0
104 and over	16.9	25.2	17.1	25.2
Had worked for 2 weeks or more in a full-time job in the last 2 years				
	34.4	51.4	33.7	49.6
<b>Industry division -</b>				
Manufacturing	6.1	9.1	4.8	7.1
Wholesale and retail trade	9.1	13.6	8.6	12.7
Other industries (c)	19.2	28.7	20.2	29.8
<b>Major occupation group (d) -</b>				
Managers and administrators, professionals				
para-professionals and clerks	..	..	8.9	13.1
Tradespersons, labourers and related workers	..	..	17.0	25.1
Other occupations (e)	..	..	7.8	11.4
Looking for first job	9.2	13.8	8.4	12.4
Had not worked full-time for 2 weeks or more in the last 2 years but had at some time in the past	21.4	32.0	24.1	35.5
Stood down (f)	*	*	*	*
<b>Total, unemployed - males</b>				
- females	44.4	66.4	40.4	59.6
	22.5	33.6	27.4	40.4
	66.9	100.0	67.8	100.0

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) See footnote (b), Table 32. (c) Comprises Agriculture, Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Construction, Transport and Storage, Communication, Finance, Property and Business Services, Public Administration and Defence, Community Services, and Recreation, Personal and Other Services. (d) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10. (e) Comprises Salespersons and Personal Service Workers, and Plant and Machine Operators, and Drivers. (f) See Explanatory Note 8 (c) ii.

TABLE 37. UNEMPLOYED PERSONS : SUMMARY OF CHARACTERISTICS, NORTHERN, NORTH-WESTERN,  
CENTRAL WEST, MURRAY AND MURRUMBIDGEE STATISTICAL DIVISIONS

Characteristics	August 1985		August 1986 (a)	
	Persons		Persons	
	Number ('000)	Proportion (per cent)	Number ('000)	Proportion (per cent)
Marital status -				
Married	11.4	38.6	12.7	42.5
Not married	18.1	61.4	17.1	57.5
Age (years) -				
15-24	15.6	52.9	14.3	48.0
25-34	6.2	21.1	6.2	21.0
35-44	*	*	4.9	16.3
45 and over	*	*	4.4	14.7
Birthplace -				
Australia	26.2	89.2	28.4	95.3
Main English speaking countries (b)	*	*	*	*
Other countries	*	*	*	*
Full-time and part-time status -				
Looking for full-time work	26.2	89.0	25.9	86.9
Looking for part-time work	*	*	*	*
Duration of unemployment (weeks) -				
Under 13	11.2	38.0	11.0	37.0
13 and under 39	9.2	31.4	8.1	27.1
39 and under 104	5.1	17.2	5.3	18.0
104 and over	*	*	5.3	17.9
Had worked for 2 weeks or more in a full-time job in the last 2 years	18.3	62.2	16.5	55.5
Industry division -				
Manufacturing	*	*	*	*
Wholesale and retail trade	*	*	*	*
Other industries (c)	12.1	41.2	9.6	32.3
Major occupation group (d) -				
Managers and administrators, professionals	..	..	*	*
para-professionals and clerks	..	..	*	*
Tradespersons, labourers and related workers	..	..	11.5	38.5
Other occupations (e)	..	..	*	*
Looking for first job	4.5	15.2	*	*
Had not worked full-time for 2 weeks or more in the last 2 years but had at some time in the past	6.4	21.8	9.8	33.0
Stood down (f)	*	*	*	*
Total, unemployed - males	18.6	63.4	20.2	68.0
- females	10.8	36.6	9.5	32.0
- persons	29.4	100.0	29.8	100.0

(a) Estimates are based on the revised definition of employed persons. See Explanatory Note 6.

(b) See footnote (b), Table 32. (c) Comprises Agriculture, Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Construction, Transport and Storage, Communication, Finance, Property and Business Services, Public Administration and Defence, Community Services, and Recreation, Personal and Other Services. (d) Classified in accordance with the Australian Standard Classification of Occupations (ASCO). See Explanatory Note 10. (e) Comprises Salespersons and Personal Service Workers, and Plant and Machine Operators, and Drivers. (f) See Explanatory Note 8 (c) ii.

TECHNICAL NOTEEstimation procedure

1. The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure. This procedure ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

2. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been obtained if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error.

3. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates derived from the survey and of monthly, quarterly and annual movements (except those movements spanning September/October 1982), for New South Wales and for each region of New South Wales, can be determined by reference to the table commencing on page 68. Details of the standard errors of monthly, quarterly and annual movements spanning September/October 1982 were published in the November 1983 issue of this publication.

4. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate, the smaller will be the standard error in percentage terms. Thus, larger sample

estimates will be relatively more reliable than smaller estimates.

5. As the standard errors in the following table show, the smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most practical purposes. In the tables in this publication, estimates with a relative standard error of greater than 25 per cent and percentages based on such estimates have not been included and have been replaced with an asterisk (\*!). Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

6. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is also given in the following table. The estimates of standard errors of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months will generally be subject to somewhat greater sampling variability than is indicated in column 3 of the following table. Standard errors of quarterly movements can be obtained by multiplying the figures shown in column 1 of the following table by 1.11. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in column 3 by 1.5, which was the method shown in issues of this publication prior to May 1986. Standard errors of all annual movements can be obtained by multiplying the figures shown in column 1 of the table by 1.3. When using the table to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

7. Examples of the calculation and use of standard errors are given below:

(a) From column 1 of the following table, it can be seen that the estimate of 552,300 employed married females in New South Wales in August 1986 (see Table 1) has a standard error of approximately 7,400 (by interpolation). There are about two chances in three that the true figure that would have

been obtained if all dwellings had been included in the survey would have been within the range 544,900 to 559,700 and about nineteen chances in twenty that it would have been within the range 537,500 to 567,100.



2 chances in 3 that, if all dwellings included, the value is in this range

19 chances in 20 that, if all dwellings included, the value is in this range

(b) The estimate of movement in the number of employed married females in New South Wales from July to August 1986 is a decrease of 12,000 (see Table 1). Column 3 in the following table can be used to determine the standard error of the monthly movement for the larger of the two estimates from which the movement is derived. In this case, the July 1986 estimate (564,300) is the larger. From column 3 for New South Wales, it can be seen that the standard error of the monthly movement is approximately 5,900 (by interpolation). There are about two chances in three that if all dwellings had been included in the surveys the movement would have been in the range -17,900 to -6,100 and about nineteen chances in twenty that it would have been in the range -23,800 to -200.

Estimated movement

-23,800	-17,900	-12,000	-6,100	-200
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2 chances in 3 that, if all dwellings included, the movement is in this range

19 chances in 20 that, if all dwellings included, the movement is in this range

8. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude.

9. The relative standard errors of estimates of average duration of unemployment are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see column 2 in the following table) and then multiplying the figure so obtained by 1.3.

10. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. The formula for the relative standard error (RSE) of a percentage or rate is given below:

$$\text{RSE}(x/y) = \sqrt{\frac{[\text{RSE}(x)]^2}{y} + \frac{[\text{RSE}(y)]^2}{x}}$$

11. Standard errors contained in the following table are designed to provide an average standard error applicable for all monthly labour force survey estimates. Recent analysis of the standard errors for New South Wales applicable to particular survey estimates has shown that the standard errors for estimates of employment are generally equivalent to those shown in the following table, but standard errors for estimates of unemployment and for persons not in the labour force are approximately 6 per cent and 10 per cent (respectively) higher than those shown in the table.

12. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as non-sampling errors. They may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce non-sampling errors to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

## STANDARD ERRORS OF ESTIMATES AND MONTHLY MOVEMENTS (a), REGIONS OF NEW SOUTH WALES

Size of estimate (number)	New South Wales;			Central Sydney and Inner Western Sydney Subdivisions			Southern Sydney Subdivision		
	Sydney Statistical Division; and Balance of New South Wales								
	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)
(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
3,500	890	25.5	820				870	25	700
4,000	950	23.8	870	1,000	25.1	770	930	23	730
4,500	1,000	22	910	1,100	23.7	800	980	22	770
5,000	1,100	21	950	1,100	22	840	1,000	21	800
6,000	1,100	19	1,000	1,200	21	900	1,100	19	860
8,000	1,300	16	1,100	1,400	18	1,000	1,300	16	960
10,000	1,500	15	1,200	1,600	16	1,100	1,500	15	1,100
20,000	2,000	10	1,600	2,300	11	1,500	2,100	10	1,400
50,000	2,900	5.8	2,300	3,600	7.2	2,100	3,300	6.6	2,000
100,000	3,900	5.9	3,000	5,100	5.1	2,700	4,700	4.7	2,600
200,000	5,100	2.5	4,000	7,200	3.6	3,600	6,700	3.3	3,500
300,000	5,900	2.0	4,600	8,800	2.9	4,200	8,200	2.7	4,100
500,000	7,200	1.4	5,700	11,000	2.3	5,200	11,000	2.1	5,000
1,000,000	9,200	0.92	7,400						
2,000,000	12,000	0.58	9,700						
5,000,000	16,000	0.31	14,000						

Size of estimate (number)	South Western Sydney Subdivision			Western Sydney Subdivision			Northern Sydney Subdivision		
	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)
(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
2,500				670	26.8	600			
3,000	760	25.5	470	730	24.5	650	750	25	680
3,500	830	23.6	500	790	23	690	810	23	720
4,000	880	22	530	850	21	720	860	22	760
4,500	940	21	560	900	20	760	910	20	800
5,000	990	20	580	950	19	790	960	19	830
6,000	1,100	18	620	1,000	17	850	1,100	18	900
8,000	1,300	16	700	1,200	15	950	1,200	15	1,000
10,000	1,400	14	760	1,300	13	1,000	1,400	14	1,100
20,000	2,000	10	1,000	1,900	9.6	1,400	1,900	9.7	1,400
50,000	3,200	6.3	1,400	3,000	6.1	2,000	3,100	6.2	2,100
100,000	4,500	4.5	1,900	4,300	4.3	2,600	4,400	4.4	2,700
200,000	6,300	3.2	2,500	6,100	3.0	3,400	6,200	3.1	3,600
300,000				7,500	2.5	4,000	7,600	2.5	4,200
500,000				9,700	1.9	4,900	9,800	2.0	5,200

(a) See Technical Note 6 for details on calculating standard errors for quarterly and annual movements.

## STANDARD ERRORS OF ESTIMATES AND MONTHLY MOVEMENTS (a), REGIONS OF NEW SOUTH WALES (continued)

Size of estimate (number)	Newcastle Statistical District			Hunter Statistical Division			Wollongong Statistical District		
	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
2,000							540	27.0	400
2,500							610	24.2	440
3,000							660	22	470
3,500	880	25.2	680	900	25.8	720	720	20	500
4,000	940	23.6	720	970	24.2	750	770	19	530
4,500	1,000	22	750	1,000	23	790	810	18	560
5,000	1,100	21	790	1,100	22	820	860	17	580
6,000	1,200	19	850	1,200	20	890	940	16	620
8,000	1,300	17	950	1,400	17	990	1,100	14	700
10,000	1,500	15	1,000	1,500	15	1,100	1,200	12	760
20,000	2,100	11	1,400	2,200	11	1,400	1,700	8.6	1,000
50,000	3,400	6.7	2,000	3,500	6.9	2,100	2,700	5.5	1,400
100,000	4,800	4.8	2,600	4,900	4.9	2,700	3,900	3.9	1,900
200,000	6,800	3.4	3,400	6,900	3.5	3,600	5,500	2.8	2,500
300,000	8,300	2.8	4,000	8,500	2.8	4,200			
Illawarra and South-Eastern Statistical Divisions				Richmond-Tweed and Mid-North Coast Statistical Divisions			Northern, North-Western and Central West Statistical Divisions		
Size of estimate (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)	Standard error of estimate (number)	Relative error (per cent)	Standard error of monthly movement (number)
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3,000	740	25	640						
3,500	800	23	680						
4,000	860	22	710	1,000	25.2	750	1,000	25.3	790
4,500	910	20	750	1,100	23.8	790	1,100	23.9	820
5,000	960	19	780	1,100	23	820	1,100	23	860
6,000	1,100	18	840	1,200	21	880	1,200	21	920
8,000	1,200	15	940	1,400	18	990	1,400	18	1,000
10,000	1,400	14	1,000	1,600	16	1,100	1,600	16	1,100
20,000	1,900	9.7	1,400	2,300	11	1,400	2,300	11	1,500
50,000	3,100	6.1	1,900	3,600	7.2	2,000	3,600	7.2	2,100
100,000	4,400	4.4	2,600	5,100	5.1	2,700	5,100	5.1	2,800
200,000	6,200	3.1	3,400	7,200	3.6	3,500	7,300	3.6	3,700
300,000	7,600	2.5	4,000				8,900	3.0	4,400

(a) See Technical Note 6 for details on calculating standard errors for quarterly and annual movements.

## STANDARD ERRORS OF ESTIMATES AND MONTHLY MOVEMENTS (a), REGIONS OF NEW SOUTH WALES (continued)

Size of estimate (number)	Murray and Murrumbidgee Statistical Divisions			Central Sydney, Inner Western Sydney and Southern Sydney Subdivisions			Western Sydney and South Western Sydney Subdivisions		
	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3,000							780	25.9	700
3,500				920	26.3	810	840	24.0	740
4,000				980	24.6	850	900	22	780
4,500	1,100	25	780	1,000	23	890	950	21	810
5,000	1,200	24	820	1,100	22	920	1,000	20	840
6,000	1,300	22	880	1,200	20	990	1,100	18	900
8,000	1,500	19	980	1,400	17	1,100	1,300	16	1,000
10,000	1,700	17	1,100	1,500	15	1,200	1,400	14	1,100
20,000	2,400	12	1,400	2,200	11	1,500	2,000	9.8	1,400
50,000	3,800	7.5	2,000	3,300	6.7	2,200	3,000	6.1	2,000
100,000	5,300	5.3	2,700	4,600	4.6	2,800	4,200	4.2	2,500
200,000	7,600	3.8	3,500	6,300	3.2	3,600	5,800	2.9	3,300
300,000				7,600	2.5	4,200	6,900	2.3	3,800
500,000				9,600	1.9	5,000	8,700	1.7	4,600
1,000,000				13,000	1.3	6,500	12,000	1.2	5,900
Northern Sydney and Gosford-Wyong Subdivisions			Hunter, Illawarra, Richmond- Tweed, Mid-North Coast and South-Eastern Statistical Divisions			Northern, North-Western, Central West, Murray and Murrumbidgee Statistical Divisions			
Size of estimate (number)	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)	Standard error of standard estimate (number)	Relative error of standard estimate (per cent)	Standard error of monthly movement (number)
(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
3,000				780	25.9	730			
3,500	900	25.6	760	840	24.0	770			
4,000	960	24.0	800	900	22	820	1,000	26.1	870
4,500	1,000	23	840	950	21	850	1,100	24.6	900
5,000	1,100	21	870	1,000	20	890	1,200	23	940
6,000	1,200	20	930	1,100	18	950	1,300	21	1,000
8,000	1,300	17	1,000	1,300	16	1,100	1,500	18	1,100
10,000	1,500	15	1,100	1,400	14	1,100	1,600	16	1,200
20,000	2,100	11	1,500	2,000	9.8	1,500	2,300	11	1,600
50,000	3,300	6.5	2,000	3,000	6.1	2,100	3,500	7.1	2,200
100,000	4,500	4.5	2,600	4,200	4.2	2,700	4,900	4.9	2,800
200,000	6,200	3.1	3,400	5,800	2.9	3,400	6,700	3.4	3,700
300,000	7,400	2.5	3,900	6,900	2.3	4,000	8,100	2.7	4,300
500,000	9,300	1.9	4,700	8,700	1.7	4,800	10,000	2.0	5,100
1,000,000				12,000	1.2	6,200			

(a) See Technical Note 6 for details on calculating standard errors for quarterly and annual movements.

## APPENDIX 1. AUSTRALIAN STANDARD CLASSIFICATION OF OCCUPATIONS (ASCO)

1. This appendix contains a brief description of the new occupation classification used in the labour force survey from August 1986. The classification is known as the Australian Standard Classification of Occupations (ASCO).

2. The ABS is also using ASCO for the 1986 Population Census and for other collections obtaining occupational data. In addition, other organisations and individuals which are collecting, coding and publishing information and statistics in Australia with an occupational content are being encouraged to use ASCO to ensure comparability with ABS statistics.

3. More detailed information on the ASCO classification and structure is contained in the ASCO Statistical Classification (1222.0).

### Reasons for developing ASCO

4. It had been widely recognised by users in industry and government that previous occupation classifications used in Australia suffered from a number of deficiencies.

These included:

- (a) a lack of comparability between the different classifications used by various institutions;
- (b) a lack of balance and inappropriate structures of aggregations across the classifications;
- (c) an absence of occupational descriptions and characteristics such as training requirements;
- (d) the existence of occupational categories that combined widely different jobs (for example, jobs requiring different skill levels);
- (e) the inclusion of obsolete categories and inadequate treatment of occupations in new fields;
- (f) insufficient occupational categories at the lowest levels of the classifications; and
- (g) occupational definitions and categories frequently in industry specific items.

5. These deficiencies had been highlighted by a number of official committees and, against this background, the ABS and the (Commonwealth) Department of Employment and Industrial Relations (DEIR) decided to develop a standard classification of occupations and a dictionary of occupations, occupational titles and descriptions.

### The ASCO structure

6. Following detailed consideration of users' needs, the ABS and DEIR concluded that the final ASCO structure should be based on 'kind of work', defined primarily in terms of skill level and

skill specialisation. There are a number of reasons for this emphasis:

- (a) The inability to identify significant skill concentrations within the labour force has been one of the major limitations of existing occupational classifications.
- (b) It is consistent with current concerns that a key focus of labour force policy and planning should be on the acquisition and enhancement of skills.
- (c) Alternative criteria (such as materials worked on and products/services produced) result in an occupational classification structure with a significant 'industry' orientation. Industry data are already supplied by the use of a separate classification (ASIC), whereas occupational skill level and skill specialisation are not provided by any of the existing classifications.

7. The structure of ASCO has four levels, namely:

- (a) Major Group;
- (b) Minor Group;
- (c) Unit Group; and
- (d) Occupation.

Each of these levels can be briefly described as follows:

- (a) Major Groups. There are 8 Major Groups which represent the broadest level of the classification. Major Groups are denoted by a single digit code and are distinguished from each other on the basis of skill level.
- (b) Minor Groups. There are 52 Minor Groups. Each Minor Group is a subdivision of the Major Group. These Minor Groups are denoted by a 2-digit code consisting of the relevant Major Group code, plus an additional digit. Minor Groups are distinguished from other Minor Groups in the same Major Group on the basis of broadly-stated skill specialisation.
- (c) Unit Groups. There are 282 Unit Groups. Each is a subdivision of a Minor Group. Unit Groups are denoted by a 4-digit code consisting of the relevant Minor Group code, plus 2 additional digits. Unit Groups are distinguished from other Unit Groups in the same Minor Group on the basis of a fine degree of skill specialisation.
- (d) Occupations. There are 1,079 Occupations that subdivide the Unit Groups. Occupations are denoted by a 6-digit code consisting of the relevant Unit Group code, plus a hyphen and 2 additional digits. Occupations are sets of jobs

## APPENDIX 1. AUSTRALIAN STANDARD CLASSIFICATION OF OCCUPATIONS (ASCO) (continued)

which involve the performance of a common set of tasks and are distinguished from other occupations within the same Unit Group on the basis of skill levels and specialisation.

8. The following example illustrates these conventions:

LEVEL	CODE	TITLE
Major group	2	Professionals
Minor group	28	Artists and Related Professionals
Unit group	2805	Designers and Illustrators
Occupation	2805-13	Graphic Designer

9. For the purposes of coding occupation data in the labour force survey, a four digit code is applied. This code represents details of the third level (Unit Group) of ASCO. For a further illustration of the structure and format of ASCO, a description of the Major and Minor Groups is shown on page 73.

10. The following table provides a comparison for May 1986 (at the Australia level) of occupations classified in accordance with the new ASCO classification and the previously used CCLO classification. See Explanatory Note 10 for a description of how this table was derived.

EMPLOYED PERSONS : COMPARISON OF ASCO (a) CLASSIFICATION OF OCCUPATIONS AND CCLO (b)  
CLASSIFICATION OF OCCUPATIONS, MAY 1986 (c), AUSTRALIA  
('000)

Occupation (CCLO) (b)	Occupation (ASCO) (a)								Total
	Managers and adminis- trators		Profess- ionals	Para- profess- ionals	Trades- persons	Clerks	Sales- persons and personal service workers	Plant and machine operators, related and drivers	
Professional, technical, etc.	23.8	721.0	248.6	18.4	25.5	36.5	*	12.5	1,086.8
Administrative, executive and managerial	361.5	10.6	12.3	18.9	26.9	47.3	5.3	8.9	491.6
Clerical	20.6	29.3	13.5	*	1,072.6	130.9	3.9	4.5	1,278.1
Sales	41.6	4.1	9.2	8.1	7.8	542.1	*	18.2	632.3
Farmers, fishermen, timber- getters, etc.	265.4	*	4.7	61.4	*	*	6.9	137.7	479.2
Miners, quarrymen, etc.	*	*	*	*	*	*	10.4	22.0	34.8
Transport and communication	5.8	*	13.2	*	53.7	14.6	224.8	23.0	339.2
Tradesmen, production - process workers, labourers, n.e.c.	19.0	16.1	38.5	958.9	16.0	5.5	286.7	557.1	1,897.8
Service, sport and recreation	8.2	16.0	60.9	90.6	4.3	179.0	12.6	333.2	704.8
Total	746.2	800.2	401.8	1,161.1	1,209.5	956.4	552.3	1,117.1	6,944.5

(a) Classified in accordance with the Australian Standard Classification of Occupations (ASCO).

(b) Classified in accordance with the Classification and Classified List of Occupations (CCLO), Revised November 1980. (c) See Explanatory Note 10.

## ASCO MAJOR AND MINOR GROUP STRUCTURE

1	MANAGERS AND ADMINISTRATORS	
11	Legislators and Government Appointed Officials	46 Vehicle Tradespersons
12	General Managers	47 Food Tradespersons
13	Specialist Managers	48 Amenity Horticultural Tradespersons
14	Farmers and Farm Managers	49 Miscellaneous Tradespersons
15	Managing Supervisors (Sales and Service)	5 CLERKS
16	Managing Supervisors (Other Business)	51 Stenographers and Typists
2	PROFESSIONALS	52 Data Processing and Business Machine Operators
21	Natural Scientists	53 Numerical Clerks
22	Building Professionals and Engineers	54 Filing, Sorting and Copying Clerks
23	Health Diagnosis and Treatment Practitioners	55 Material Recording and Despatching Clerks
24	School Teachers	56 Receptionists, Telephonists and Messengers
25	Other Teachers and Instructors	59 Miscellaneous Clerks
26	Social Professionals	6 SALESPEOPLE AND PERSONAL SERVICE WORKERS
27	Business Professionals Salespersons	61 Investment, Insurance and Real Estate
28	Artists and Related Professionals	62 Sales Representatives
29	Miscellaneous Professionals	63 Sales Assistants
3	PARA-PROFESSIONALS	64 Tellers, Cashiers and Ticket Salespersons
31	Medical and Science Technical Officers and Technicians	65 Miscellaneous Salespersons
32	Engineering and Building Associates and Technicians	66 Personal Service Workers
33	Air and Sea Transport Technical Workers	7 PLANT AND MACHINE OPERATORS, AND DRIVERS
34	Registered Nurses	71 Road and Rail Transport Drivers
35	Police	72 Mobile Plant Operators (Except Transport)
39	Miscellaneous Para-Professionals	73 Stationary Plant Operators
4	TRADESPERSONS	74 Machine Operators
41	Metal Fitting and Machining Tradespersons	8 LABOURERS AND RELATED WORKERS
42	Other Metal Tradespersons	81 Trades Assistants and Factory Hands
43	Electrical and Electronics Tradespersons	82 Agricultural Labourers and Related Workers
44	Building Tradespersons	83 Cleaners
45	Printing Tradespersons	84 Construction and Mining Labourers
		89 Miscellaneous Labourers and Related Workers

APPENDIX 2. REGIONS OF NEW SOUTH WALES AND THEIR CONSTITUENT LOCAL GOVERNMENT AREAS, JUNE 1985

## SYDNEY STATISTICAL DIVISION

## CENTRAL SYDNEY AND INNER WESTERN

## SYDNEY SUBDIVISIONS

## Central Sydney Subdivision

Leichhardt M.

Marrickville M.

Randwick M.

Sydney M. (City)

Waverley M.

Woolrahra M.

## Inner Western Sydney Subdivision

Ashfield M.

Burwood M.

Concord M.

Drummoyne M.

Strathfield M.

## SOUTHERN SYDNEY SUBDIVISION

Bankstown M. (City)

Botany M.

Canterbury M.

Hurstville M.

Kogarah M.

Rockdale M.

Sutherland S.

## SOUTH WESTERN SYDNEY SUBDIVISION

Camden M.

Campbelltown M. (City)

Liverpool M. (City)

Wollondilly S.

## WESTERN SYDNEY SUBDIVISION

Auburn M.

Baulkham Hills S.

Blacktown M. (City)

Blue Mountains M. (City)

Fairfield M. (City)

Hawkesbury S.

Holroyd M.

Parramatta M. (City)

Penrith M. (City)

## NORTHERN SYDNEY SUBDIVISION

Hornsby S.

Hunter's Hill M.

Ku-ring-gai M.

Lane Cove M.

Manly M.

Mosman M.

North Sydney M.

Ryde M.

Warringah S.

Willoughby M.

## BALANCE OF NEW SOUTH WALES

## HUNTER STATISTICAL DIVISION

## Newcastle Statistical District

Cessnock M. (City) (part)

Lake Macquarie M. (City)

Maitland M. (City)

Newcastle M. (City)

Port Stephens S.

## Balance of Hunter Statistical Division

Cessnock M. (City) (part)

Dungog S.

Gloucester S.

Great Lakes S.

Merriwa S.

Murrurundi S.

Muswellbrook S.

Scone S.

Singleton S.

## ILLAWARRA AND SOUTH-EASTERN STATISTICAL DIVISIONS

## Illawarra Statistical Division

## Wollongong Statistical District

Kiama M.

Shellharbour M.

Wollongong M. (City)

## Balance of Illawarra Statistical Division

Shoalhaven M. (City)

Wingecarribee S.

## South-Eastern Statistical Division

## Canberra Statistical District (part in N.S.W.)

Queanbeyan M. (City)

## Balance of Southern Tablelands Subdivision

Boorowa S.

Crookwell S.

Goulburn M. (City)

Gunning S.

Harden S.

Mudgee S.

Tallaganda S.

Yarrowlumla S.

Yass S.

Young S.

## Lower South Coast Subdivision

Bega Valley S.

Eurobodalla S.

## Snowy Subdivision

Bombala S.

Cooma-Monaro S.

Snowy River S.

Note: Sydney Statistical Division includes  
 Gosford-Wyong Subdivision which comprises  
 Gosford M. (City) and Wyong S.

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APPENDIX 2. REGIONS OF NEW SOUTH WALES AND THEIR CONSTITUENT LOCAL GOVERNMENT AREAS,  
JUNE 1985 (continued)

RICHMOND-TWEED AND MID-NORTH COAST STATISTICAL DIVISIONS

Richmond-Tweed Statistical Division

Gold Coast Statistical District (part in N.S.W.)

Tweed S. (part)

Balance of Richmond-Tweed Statistical Division

Ballina S.

Byron S.

Casino M.

Kyogle S.

Lismore M. (City)

Richmond River S.

Tweed S. (part)

Mid-North Coast Statistical Division

Clarence Subdivision

Bellingen S.

Coffs Harbour S.

Copmanhurst S.

Grafton M. (City)

Maclean S.

Nambucca S.

Nymboida S.

Ulmarra S.

Hastings Subdivision (includes Lord Howe Island)

Hastings M.

Kempsey S.

Taree, Greater M. (City)

NORTHERN, NORTH-WESTERN AND CENTRAL WEST STATISTICAL DIVISIONS

Northern Statistical Division

Tamworth Statistical District

Tamworth M. (City)

Balance of Northern Slopes Subdivision

Barraba S.

Bingara S.

Gunnedah S.

Inverell S. (part)

Manilla S.

Nundle S.

Parry S.

Quirindi S.

Yallaroi S.

Northern Tablelands Subdivision

Armidale M. (City)

Dumaresq S.

Glen Innes M.

Guya S.

Inverell S. (part)

Severn S.

Tenterfield S.

Uralla S.

Walcha S.

NORTHERN, NORTH-WESTERN AND CENTRAL WEST STATISTICAL DIVISIONS (continued)

Northern Statistical Division (continued)

North Central Plain Subdivision

Moree Plains S.

Narrabri S.

North-Western Statistical Division

Central Macquarie Subdivision

Coolah S.

Coonabarabran S.

Dubbo M. (City)

Gulgandra S.

Mudgee S.

Narramine S.

Wellington S.

Macquarie-Barwon Subdivision

Bogan S.

Coonamble S.

Walgett S.

Warren S.

Upper Darling Subdivision

Bourke S.

Brewarrina S.

Cobar S.

Central West Statistical Division

Bathurst-Orange Statistical District

Bathurst M. (City)

Blayney S. (part)

Cabonne S. (part)

Evans S. (part)

Orange M. (City)

Balance of Central Tablelands

Subdivision

Blayney S. (part)

Cabonne S. (part)

Evans S. (part)

Lithgow, Greater M. (City)

Oberon S.

Rylstone S.

Lachlan Subdivision

Bland S.

Cabonne S. (part)

Cowra S.

Forbes S.

Lachlan S.

Parkes S.

Weddin S.

APPENDIX 2. REGIONS OF NEW SOUTH WALES AND THEIR CONSTITUENT LOCAL GOVERNMENT AREAS,  
JUNE 1985 (continued)

MURRAY AND MURRUMBIDGEES STATISTICAL DIVISIONS

Murray Statistical Division

Albury-Wodonga Statistical District (part in  
N.S.W.)

Albury M. (City)

Hume S.

Balance of Upper Murray Subdivision

Corowa S.

Culcairn S.

Holbrook S.

Tumbarumba S.

Urana S.

Central Murray Subdivision

Berrigan S.

Conargo S.

Deniliquin M.

Jerilderie S.

Murray S.

Wakool S.

Windouren S.

Murray-Darling Subdivision

Balranald S.

Wentworth S.

MURRAY AND MURRUMBIDGEES STATISTICAL DIVISIONS

(continued)

Murrumbidgee Statistical Division

Wagga Wagga Statistical District

Wagga Wagga M. (City)

Balance of Central Murrumbidgee Subdivision

Cootamundra S.

Cootamundra S.

Gundagai S.

Junee S.

Lockhart S.

Narrandera S.

Temora S.

Tumut S.

Lower Murrumbidgee Subdivision

Carrathool S.

Griffith S.

Hay S.

Leeton S.

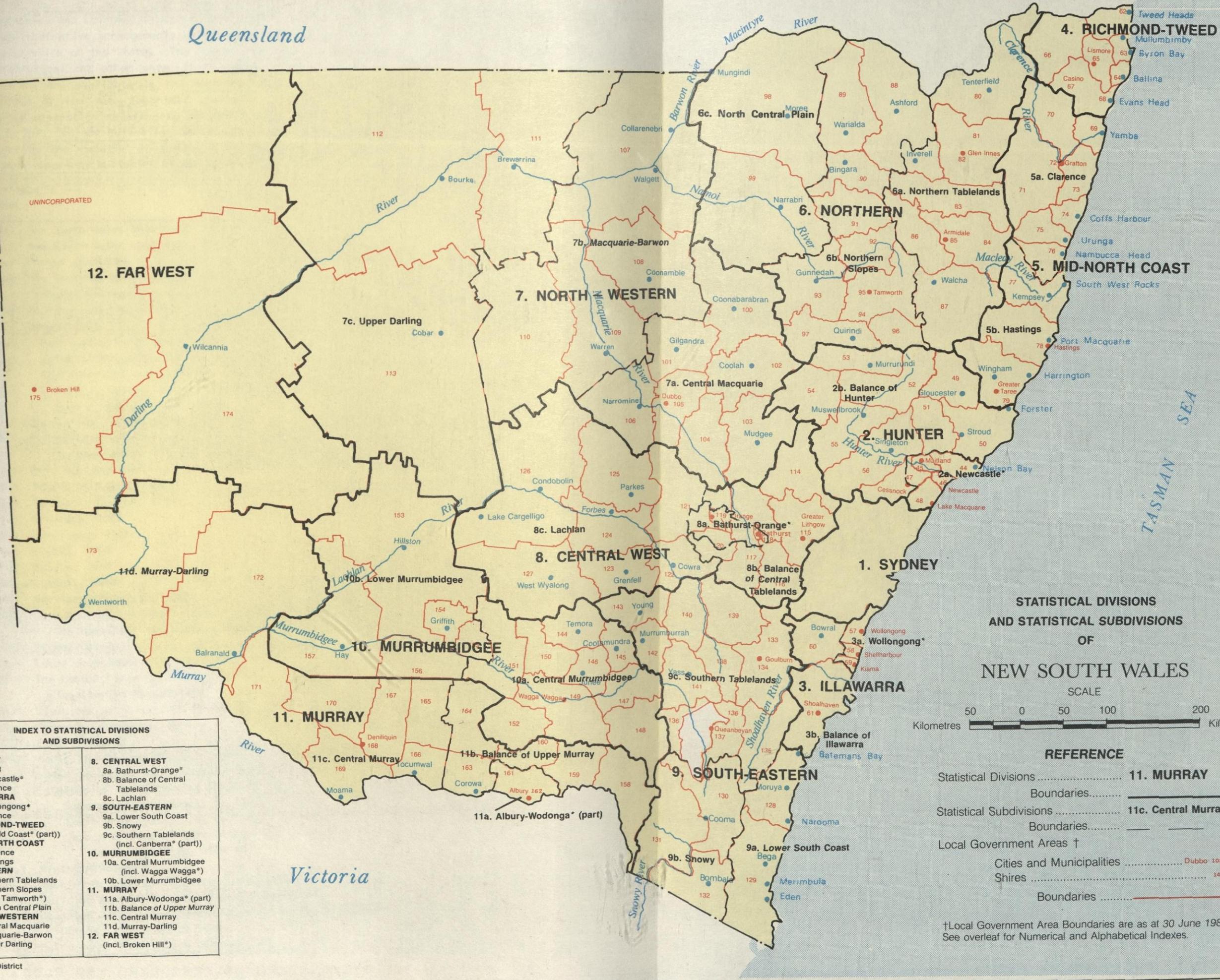
Murrumbidgee S.

Note: Balance of New South Wales includes Far West Statistical Division which comprises Broken Hill M. (City), Central Darling S. and the unincorporated area of New South Wales.

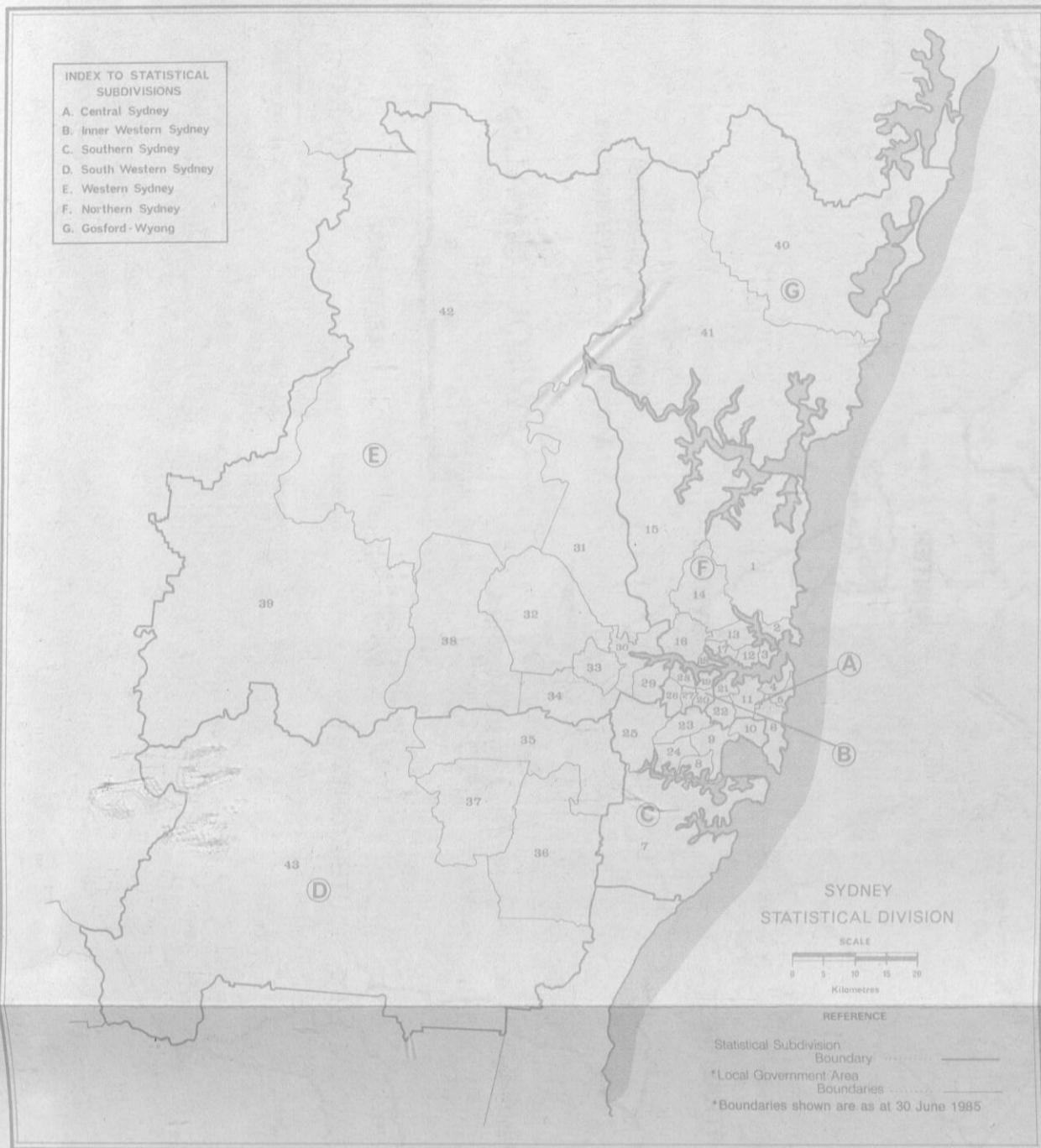
*South Australia*

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Catalogue No.	Publication	Month of issue	Price (\$)	
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3210.1	Est. Resident Pop. in Local Govt. Areas, (Prelim.), June 1985	Apr. 1986	Free	Free
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3303.1	Perinatal Deaths, 1984	Apr. 1986	1.20	2.10
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3305.1	Marriages, 1985	Aug. 1986	Free	Free
3306.1	Births, 1984	Nov. 1985	1.10	1.90
3307.1	Deaths, 1984	Apr. 1986	1.20	2.10
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